Lancaster Farming

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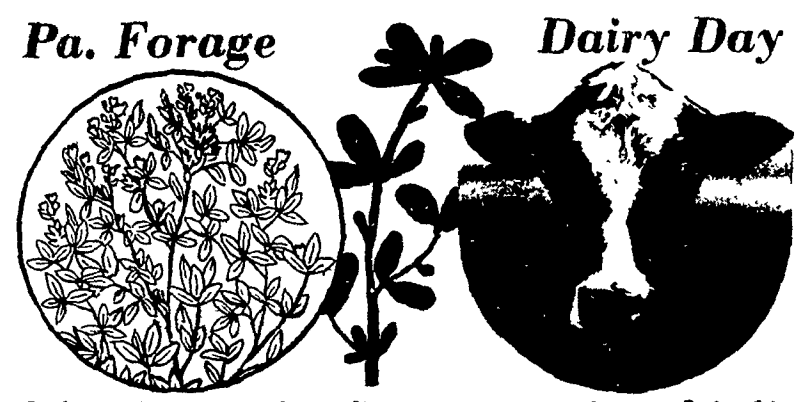
Tuesday is Pa. forage/dairy day at Hershey



Milton Hershey School Farms 9 a.m. - 4 p.m. July 19

Alfalfa plots, embryo transfers featured

BY LAURA ENGLAND

HERSHEY — On the spot testing of forage sample by Penn State's near infrared (NIR) analysis unit and embryo transfer demonstrations by Em-Tran, Inc., are among highlights of the 1983 Pa. Forage-Dairy Field Day.

With the theme, "Forage and Animal Management in Dairy Production," Forage-Dairy field day will be held at the Milton Hershey School Farms on Tuesday. The event is jointly sponsored by the Pennsylvania Forage and Grassland Council, the Pennsylvania Holstein Association and Penn State University.

According to Al Dugan, manager of the Hershey Farms, forage topics will include cutting management, manure and fertilizers on alfalfa, pest control, and alfalfa variety yield tests.

The forage varieties, Dugan said, are divided into 10, one-acre plots. Each plot will be harvested for yield demonstrations, and forage samples will be analyzed for quality using Penn State's NIR unit, he said. Botanical counts will also be taken to show the alfalfa-grass relationship.

Through on the spot testing, Dugan said, farmers can see for themselves the relationship between visual quality and actual forage feed value. Farmers can then use such comparisons on their own farms, he added.

The 10 different grass-alfalfa mixtures which will be used for testing are: pure alfalfa; alfalfa and Reveille perennial rye; alfalfa and Pennlate orchard grass; alfalfa and Clair timothy; alfalfa and Climax timothy; alfalfa and Saratoga Smooth Bromegrass; alfalfa and Rise reed canarygrass; and alfalfa and Kentucky 31 tall fescue. All plots were planted last August.

The two remaining plots, planted this spring, are pure alfalfa and pure alfalfa with oats.

Three other alfalfa plots will be used for pesticide, fertility and maturity demonstrations, Dugan said. The pesticide plot is currently being treated with Cygon for potato leaf hopper. The plot has previously been sprayed during three growth stages — stubble, four to six inches, and eight to ten inches, Dugan said.

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Al Dugan, program co-chairman and manager of Hershey Farms, stands in midst of one of alfalfa plots to be featured at Forage and Dairy Day on Tuesday.

Forage features inside

Up in the rolling farmland of Centre County is found Pennsylvania's Outstanding Forage Spokesman — Joe Hartle. Joe discusses his forage program that includes 140 acres of alfalfa, which is merchandised through his herd of Holsteins with a 21,000-pound average.

A 20

The Rodale Research Center near Kutztown in Berks County is studying the overseeding of legumes into corn to reduce soil erosion and to help increase the water-holding capacity of the soil.

A 24

Peroxide — common bleach — can predigest and tenderize plant stems, stalks, straws, husks, hulls, cobs and even wood to possibly make these discards available as the livestock forages of the future.

A 28

The Pennsylvania Forage and Dairy Day Program has a lot to offer for everyone. Turn to highlights of the day-long program at Hershey, along with a list of the exhibitors and sponsors.

D 10

Ummmm!

This was National Ice Cream Week — an event as dear to dairymen as June Dairy Month. In recognition of this week, look for several features inside — cone eater spoof, A27; guernsey ice cream social, A33; and homemade ice cream maker, B18.

New Penn State head loses little time in meeting ag

BY DICK ANGLESTEIN

UNIVERSITY PARK — The new president of Penn State, Dr. Bryce Jordan is losing no time in getting to know Pennsylvania agriculture.

On the job only about a week, Dr. Jordan was one of the featured speakers at this week's annual gathering of vo-ag teachers on the campus at Penn State.

And later this month, Dr. Jordan will be coming to Lancaster County to meet Extension personnel and visit the University's Southeast Research Farm near Landisville.

In his talk to the vo-ag teachers, Dr. Jordan stressed the continued support that will be shown for agricultural education and said the College of Agriculture will remain committed to work with and aid vo-ag teachers.

The new Penn State head was introduced by Sam Smith, Dean of the Ag College. Smith emphasized the crucial period now in which our society is transforming from an industrialized basis to one of information and electronic communications.

He also cited the challenge facing all in ag education. Agricultural graduates have fallen

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Laura England joins staff

LANCASTER — Coming to Lancaster Farming this week as a new staff writer is Laura England, a Blair County native and recent graduate of Penn State.

Laura, who received a bachelor of science degree in general agriculture during the spring commencement, emphasized journalism in her program. Having a strong interest in communications, Laura combined her farm background and writing experience to prepare for a career in agricultural journalism.

A 1979 graduate of Williamsburg High School, Laura began her college career at the Penn State Altoona Campus. There, she was editor and sports editor of the

(Turn to Page A38)

Laura England

Livestock market and auction news

Lancaster Market

Monday, July 11
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1897	131	911	445
Last Monday	1406	42	971	111
Last Year	1448	114	1072	355
Monday's Auction	1969	156	918	463
Last Monday's Auction	1396	67	991	113

CATTLE: Compared to last Wednesday slaughter steers 1.00 to mostly 2.00 lower; heifers weak to 1.00 lower; cows steady to 1.00 higher; bullocks 1.00-2.00 lower; bulls 50-1.00 lower. Supply included 75% slaughter steers, 13% heifers, 5% cows, and 7% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1450 lb. 63.50-65.85, couple lots 66.00-66.25, high Choice and Prime mostly 4 few 5 1200-1475 lb. 62.00-63.25; Good and Choice 1-2 1150-1375 lb. 64.50-66.10; Choice 2-4 950-1375 lb. 62.00-64.10, few 61.00-62.00; high Good and low Choice 2-3 1050-1300 lb. 59.00-62.00; Good 2-3 56.00-59.50; Good and Choice 1200-1450 lb. Holsteins 54.50-58.00; Standard 1-2 48.00-53.50.

SLAUGHTER HEIFERS: Couple lots high Choice and Prime 2-4 1140-1150 lbs. 63.00-64.10, three head Good 1-2 1060-1170 lb. 67.00-67.75; Choice 2-4 875-1160 lb. 57.00-60.50, couple lots 61.50-61.75; Good 2-3 850-1100 lbs. 54.00-57.50.

COWS: Utility and Commercial 1-3 45.00-47.50, few mainly early 47.50-48.50; Cutter 1-2 43.50-45.50, few 45.50-47.00; Canner and low Cutter 41.00-43.50.

BULLOCKS: Choice 1000-1350 lb. 56.50-60.00, couple 60.00-62.85; Good 1000-1275 lb. 52.00-57.00.

BULLS: Yield grade 1 1250-1900 lb. 53.25-57.50, about 15 head 57.75-60.00; yield grade 2 1000-1375 lb. 49.00-54.00.

VEAL CALVES: Vealers not comparable because market not reported last Monday.

VEALERS: High Choice and Prime 180-300 lb. 115.00-130.00; Choice 160-280 lb. 100.00-110.00; high Good and low Choice 160-300 lb. 80.00-100.00, 120-160 lb. 60.00-80.00, 80-115 lb. 45.00-55.00.

SLAUGHTER CALVES: Good and Choice 150-450 lb. 55.00-75.00, one lot Choice 550-650 lb. 55.00-62.00.

RETURNED TO FARM: Bulk 90-120 lb. Holstein bulls 70.00-95.00; few 95-120 lb. Holstein heifers 70.00-90.00.

SHEEP: Spring Lambs 3.00-5.00 higher, few 25-50 lb. 15.00-20.00 higher; slaughter ewes 3.00-5.00 higher. Supply included about 75 goats, sold by the head.

SPRING LAMBS: Choice 60-105 lb. 55.00-60.00, few high Choice and Prime 60.00-65.00, several Choice 25-50 lb. 70.00-90.00; Good 50-95 lb. 50.00-55.00.

SLAUGHTER EWES: Utility and Good 17.00-30.00.

GOATS: All goats sold by the head 20.00-50.00, mainly 30.00-45.00.

Vintage Auction

Tuesday, July 12
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1145	914	39	15
Last Tuesday	1501	952	20	0
Last Year	1270	932	20	0

CATTLE: Compared to last Tuesday slaughter steers 2.00-2.50 lower; slaughter heifers not fully tested; cows uneven, but generally steady; bulls mostly steady. Supply included 68 percent slaughter steers and 27 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1450 lb. 63.00-65.85, few 66.00-66.50; Good and Choice 1-2 1100-1425 lb. 64.50-67.00, six head 67.60-68.85; Choice 2-4 1050-1400 lb. 61.50-64.10; high Good and low Choice 2-3 60.00-62.60; Good 2-3 990-1350 lb. 58.00-61.50; Good and Choice 1200-1500 lb. Holsteins 55.00-58.00; Standard 1-2 50.00-54.50.

COWS: Utility and Commercial 1-3 46.00-48.25, few 49.00-49.75; Commerical 3-4 43.00-46.25; Cutter 1-2 43.00-46.75, few 47.00-48.25; Canner and low Cutter 40.00-43.00, few 38.00-40.00.

BULLS: Yield grade 1 1300-1800 lb. 52.50-55.50, couple 1800-2050 lb. 61.75-62.50; yield grade 2 1100-1450 lb. 51.00-52.50.

VEAL CALVES: Few sales low Choice mostly steady, high Good and low Choice 2.00-5.00 lower.

Supply included 504 in graded sales of which 66 percent sold to return to farm.

VEALERS: Few low Choice 180-220 lb. 81.00-86.00; high Good and low Choice 120-250 lb. 60.00-75.00, 80-115 lb. 46.00-54.00, 60-80 lb. 42.00-48.00.

RETURNED TO FARM: 40 head 90-115 lb. Holstein heifers 110.00-112.00. 80 head 110-125 lb. Holstein bulls 87.00-93.00; 120 head 100-105 lb. 98.00-101.00; 35 head 90-95 lb. 90.00-93.00; 45 head small frame 100-105 lb. 70.00-72.00.

SHEEP: Spring lambs fully steady; slaughter ewes not fully tested.

SPRING LAMBS: Choice 75-105 lb. 53.00-58.00; few Good 40-80 lb. 49.00-52.00.

GOATS: All goats sold by the head, mainly 18.00-28.00.

Lancaster Auction

Wednesday, July 13
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	129	20	496	71
Last Wednesday	442	38	962	28
Last Year	365	23	770	1
Wednesday's Auction	131	21	469	56
Last Wednesday's Auction	404	44	858	9

CATTLE: Insufficient volume of any one class to test market trends.

SLAUGHTER STEERS: Choice 2-3 1075-1325 lb. 61.00-63.35; high Good and Low Choice 2-3 1000-1450 lb. 58.00-61.50; Good 2-3 56.00-58.50; few Good and Choice 1290-1500 lb. Holsteins 54.00-57.10.

COWS: Utility and Commercial 1-3 43.75-46.25; Cutter 1-2 41.00-43.50, few 44.50-46.75; Canner and low Cutter 38.00-41.00.

BULLOCKS: Few Good 1000-1300 lb. 52.00-57.60.

BULLS: Yield grade 1 1380-1650 lb. 55.25-58.85, individual 2118 lb. 59.50, individual 1615 lb. 62.00; few yield grade 2 1050-1350 lb. 51.75-53.50.

VEAL CALVES: Insufficient volume for a market test. Few high Good and low Choice 80-115 lb. 45.00-55.00.

SHEEP: Spring lambs not tested; slaughter ewes weak to 5.00 lower.

SLAUGHTER EWES: Utility and Good 12.00-20.00.

New Holland Livestock

Thursday, July 14
Report supplied by USDA

CATTLE: 1387. Compared to last Thursday slaughter steers .50-1.00 lower; slaughter heifers not tested; cows steady, instances 1.00 lower; bullocks not fully tested; bulls mostly steady. Supply included 65 percent slaughter steers, 25 percent cows, 7 percent bulls with the balance slaughter heifers and feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1375 lb. 63.25-65.75, few 66.00-66.60 with couple 67.60; Good and Choice 1-2 1100-1275 lb. 64.50-65.25, couple 65.35-65.85; Choice 2-4 1050-1350 lb. 60.85-64.60, bulk 61.75-63.75; high Good and low Choice 2-3 60.00-62.10; Good 2-3 57.50-60.00; Good and Choice 1200-1450 lbs. Holsteins 54.00-57.10; Standard 1-2 53.00-54.50.

SLAUGHTER HEIFERS: Few head good and Choice 1-2 1000-1115 lbs. 60.00-63.75; few Good 2-3 850-1050 lbs. 53.00-55.00.

COWS: Utility and Commercial 1-3 44.50-48.25, couple 48.50-50.00; Commercial 3-4 41.85-45.00; Cutter 1-2 42.50-45.00, few 45.00-46.25; Canner and low Cutter 40.00-42.00, few 38.00-40.00.

BULLOCKS: Good 1000-1300 lb. 54.00-57.35, couple Choice 65.00-65.50.

BULLS: Yield grade 1 1200-2000 lb. 54.00-57.00, few 57.00-59.50, individual 63.50; yield grade 2 1000-1350 lbs. 50.00-53.50.

VEAL CALVES: 623. Vealers mostly steady, although high Choice and Prime 10.00-15.00 higher. Demand good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 285-340 lbs. 108.00-114.00; Choice 160-300 lb. 87.00-100.00, few 100.00-105.00; high Good and low Choice 160-280 lbs. 72.00-90.00, 120-160 lbs. 55.00-75.00, 80-115 lb. 40.00-52.00, few 52.00-56.00, 60-80 lbs. 30.00-34.00.

RETURNED TO FARM: Bulk 95-12 lb. Holstein bulls 87.00-100.00, few 100.00-108.00, several 80-95 lb. 70.00-90.00.

SHEEP: 32. Spring lambs weak to 5.00 lower; slaughter ewes; steady.

SPRING LAMBS: Good 40-75 lb. 46.00-54.00.

SLAUGHTER EWES: Utility and Good 16.00-22.00.

GOATS: 15. All goats sold by the head, Six head 46.00-54.00, balances mainly 31.00-40.00.

Lancaster Weekly

Friday, July 15

	Cattle	Calves
This Week	4900	1700
Last Week	5706	1620
Last Year	4788	1569

CATTLE: Slaughter steers .50-1.00 lower, instances 1.50 lower; slaughter heifers weak to 1.00 lower; cows closed mostly steady, instances 1.00 lower; bullocks 1.00-2.00 lower; bulls steady. Supply included 66 per cent slaughter steers, 7 per cent slaughter heifers, 16 per cent cows, 6 per cent bulls, balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1450 lbs. 63.00-68.85, few 66.00-66.60; Good and Choice 1-2 1100-1425 lbs. 64.50-67.00, 6 head 67.60-68.85; Choice 2-4 1050-1450 lbs. 61.00-64.60, mainly 61.50-64.00; high Good and low Choice 2-3 1050-1300 lbs. 59.00-62.50, Good 2-3 56.00-60.00; Good and Choice 1200-1500 lb. holsteins 54.50-58.00, Standard 1-2 48.00-54.00.

SLAUGHTER HEIFERS: Couple lots high Choice and Prime 2-4 1140-1150 lbs. 63.00-64.10; Good and Choice 1-2 1050-1170 lbs. 60.00-63.75, 3 head 67.00-67.75; Choice 2-3 875-1150 lbs. 57.00-60.50; Good 2-3 850-1100 lbs. 53.00-57.50.

COWS: Utility and Commercial 1-3 44.50-48.25, few 48.50-50.00, Commercial 3-4 41.75-45.50, Cutter 1-2 42.50-45.50, few 45.50-47.00, couple 47.00-48.25, Canner and low Cutter 40.00-43.00, few 38.00-40.00.

BULLOCKS: Choice 1000-1350 lbs. 56.50-60.00, few 60.00-63.00, couple 65.00-65.50; Good 1000-1275 lbs. 52.00-57.00.

BULLS: Yield Grade 1 1250-2000 lbs. 52.50-57.50, around 20 head 57.50-60.00, couple 61.75-63.50; Yield Grade 2 1000-1400 lbs. 49.00-54.00.

VEAL CALVES: Vealers uneven. Few high Choice and Prime 15.00-25.00 higher. High Good and low Choice 150-300 lbs. steady to 5.00 higher, 80-125 lbs. weak to 5.00 lower. Demand good for holstein bulls to return to farm.

VEALERS: High Choice and Prime 180-340 lbs. 108.00-115.00, few 115.00-130.00; Choice 160-300 lbs. 87.00-100.00, few 100.00-110.00; high Good and low Choice 160-300 lbs. 72.00-90.00, 120-160 lbs. 55.00-75.00, 80-115 lbs. 40.00-52.00, few 52.00-55.00, 60-80 lbs. 30.00-45.00.

RETURNED TO FARM: Few 90-115 lb. holstein heifers 100.00-112.00; bulk 90-125 lb. holstein bulls 87.00-101.00, few 101.00-108.00, several 80-95 lbs. 70.00-93.00.

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AUCTIONS

NOTICE: ALL MONDAY AUCTIONS WILL BEGIN AT 9:00 A.M.

MONDAY
9:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M.— Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M.— Slaughter Hogs
1:00 P.M.— Feeder Pigs
WEDNESDAY
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 AM.— Veal Calves, Lambs, Hogs
FRIDAY
11:00 A.M.— Stocker and Feeder Cattle
SATURDAY
9:30 A.M.—Slaughter Hogs

FEEDER PIG SALE
TUESDAY, JULY 19

LANCASTER STOCKYARDS, INC.
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Serving The Community For 87 Years

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Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
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10 miles East of Lancaster on Rt. 30

LEBANON VALLEY LIVESTOCK MARKET, INC.
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Sale every Tuesday at 1 30 P M. starting with feeder cattle and pigs
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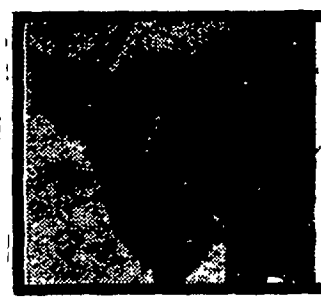
Out of State Buyers - Cash or Certified Check Only.



HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, July 11
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 1.00-1.50 higher; sows firm to 1.00 higher, instances 2.00 higher on 350-500 lb. weights.

BARROWS AND GILTS: US 1-2 205-250 lb. 48.75-49.50. US 1 205-245 lb. 49.50-50.50. US 1-3 210-265 lb. 47.50-48.50. US 2-3 260-290 lb. 45.00-46.50.

SOWS: US 1-3 300-650 lb. 34.00-37.00, few 350-500 lb. 37.00-39.00.

Tuesday, July 12

Today	513
Last Tuesday	480
Last Year	400

TREND: Compared to Monday barrows and gilts steady to 25 lower.

BARROWS AND GILTS: US 1-2 200-250 lb. 48.50-49.35. US 1 205-250 lb. 49.50-50.25. US 1-3 220-260 lb. 47.25-48.50.

Wednesday, July 13

HOGS: Compared to Tuesday barrows and gilts steady to 50 lower, instances 75 lower.

BARROWS AND GILTS: US 1-2 200-250 lb. 47.85-48.50, couple lots 48.75. US 1 210-250 lb. 49.50-50.00. US 1-3 220-270 lb. 46.50-47.75.

Vintage Hogs
Vintage Sales Stables
Saturday, July 9
Report supplied by auction

US 1 & 2, 205-235 lbs., 48.00-50.00; 2 and 3, 200-245 lbs., 46.00-48.00; Sows, 300-650 lbs., 30.00-34.00; Boars, 200-250 lbs., 31.00-37.00.

Wednesday, July 13

US 1 & 2 205-235 lbs., 47.00-48.25; 2 and 3, 200-245 lbs. 45.00-47.00; Sows, 300-650 lbs., 33.00-35.75; Boars, 200-250 lbs., 36.00.

New Holland Feeder Pigs
Wednesday, July 13
Report supplied by USDA

Today	1015
Last Wednesday	618
Last Year	600

TREND: Compared to last Wednesday feeder pigs 15.00-25.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 98 head 25-39 lbs. 50.00-56.00; 318 head 40-49 lbs. 42.0-54.00; 26 head 47 lbs. 58.00; 135 head 50-59 lbs. 50.00-53.00; 64 head 60-69 lbs. 49.00-52.00; 129 head 70-98 lbs. 47.00-51.00.

US 2-3: 27 head 36-38 lbs. 58.00-61.00; 79 head 40-49 lbs. 42.00-49.00; 34 head 58 lbs. 54.00.

Carlisle Feeder Pigs
Carlisle, Pa.
Friday, July 8
Report supplied by auction

Total 332 pigs.

TREND: Compared to June's State Graded Sale pigs under 50 lbs. were uneven from 2.00 higher to 2.00 lower while pigs over 50 pounds were mostly steady with a couple of instances of 5.00 to 10.00 higher. Active Bidding with strong demand for all pigs over 25 pounds. All pigs were weighted on arrival and sold by the hundred weight.

US NO. 1&2: 34 head 25-29 lbs. 66.00-80.00; 12 head 32-39 lbs. 79.00-81.00; 119 head 41-52 lbs. 74.00-81.00.

US NO. 2: 32 head 20-36 lbs. 72.00-80.00; 31 head 45-50 lbs. 79.00-82.00; 9 head 66 lbs. 89.00; 12 head 66 lbs. 60.00; 2 head 35 lbs. 50.00.

US NO 2&3: 25 head 29-36 lbs. 75.00-82.00; 14 head 57 lbs. 80.00; 6 head 77 lbs. 57.00; 7 head sold 2 or 3 at a time 40-45 lbs. 45.00-55.00; 7 head Grade No. 3 at 35 lbs. 21.00.

Utility: 4 head 30-45 lbs. 32.00-45.00.

As Is: 18 head 25-35 lbs. 13.00-22.50.

Lancaster Feeder Pigs
Tuesday, July 12
Report supplied by USDA

Today	811
Last Tuesday	762
Last Year	918

TREND: Compared to last Tuesday feeder pigs steady to weak, instances 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 64 head 30-39 lbs. 71.00-82.00; 207 head 40-49 lbs. 58.00-74.00; 29 head 40 lbs. 81.00; 139 head 50-59 lbs. 60.00-67.00; 43 head 60-69 lbs. 56.00-59.00.

US 2-3: 69 head 30-39 lbs. 61.00-74.00; 40 head 50-59 lbs. 62.00-68.00; 11 head 52 lbs. 50.00.

New Holland Hogs
Monday, July 11
Report supplied by USDA

Today	1845
Last Monday	1301
Last Year	1361

TREND: Trend not comparable because market not reported last Monday.

BARROWS AND GILTS: US 1-2 205-250 lb. 48.00-48.50, few 48.75-49.00. US 1 205-250 lb. 49.00-50.00. US 1-3 200-260 lb. 47.00-48.00.

St. Louis Hogs
Thursday, July 14
Report supplied by USDA

4000. Barrows and gilts active, 50 higher, except limited supply weights over 260 lb. steady to 50 higher.

BARROWS AND GILTS: US 1-2 220-250 lb. 46.50-47.00; 200-220 lb. 46.00-46.50. US 1-3 220-250 lb. 46.00-46.50; 250-270 lb. 44.00-46.00.

SOWS: Steady to mostly 50 lower. (About 12%) US 1-3 300-650 lb. 34.00-35.40.

BOARS: Over 250 lb. 32.50; 200-250 lb. 37.00.

Peoria Hogs
Thursday, July 14
Report supplied by USDA

2000. (Currently 600 over) Barrows and gilts active, opening 1.00 higher.

BARROWS AND GILTS: US 1-2 200-240 lbs. 47.50-48.00. US 1-3 200-250 lb. 46.50-47.50.

SOWS: Mostly steady. (12%) US 1-3 350-500 lb. 35.50-36.00, few around 350 lb. 36.50; 500-650 lb. 35.00-35.50.

BOARS: None.

Indianapolis Hogs
Thursday, July 14
Report supplied by USDA

800. Barrows and gilts moderately active, 50 higher, instances 75 up.

BARROWS AND GILTS: US 1-2 220-250 lb. 47.50-48.50, near 35 head 48.25.

SOWS: Moderately active, steady to weak. (10%) US 1-3 400-600 lb. 34.50-36.00, lot near 600 lb. 37.00. US 1-2 & mostly Med. 350-450 lb. 33.00 to mostly 34.00.

BOARS: Few under 250 lb. 37.00; over 250 lb. 30.00-31.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, July 14
Report supplied by USDA — **Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)	520,000	38,000	1,228,000	165,000
Same Period Last Week (Est.)	406,000	31,000	954,000	82,000
Same Period Last Year (Act.)	511,000	41,000	1,162,000	180,000

Chicago Grain Futures

(Closing Bids as of Thursday, July 14)

	Corn	Wheat	Soybeans	Soybean Meal
July	3.29	3.39½	6.32½	184.70
Aug.			6.36	184.70
Sept.	3.06¼	3.49½	6.43¾	186.70
Oct.				188.70
Dec.	2.90	3.65½		194.10

Trend - Corn is stronger, Wheat is stronger, Soybeans are weaker, Soybean Meal is weaker.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Thursday, July 14)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
July		46.67	
Aug.	61.77	43.57	
Oct.	58.05	38.65	
Nov.			8.19
Dec.	58.85	39.37	

Trend - Cattle are stronger, Hogs are higher, potatoes no change.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

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For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

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Lancaster Stockyards
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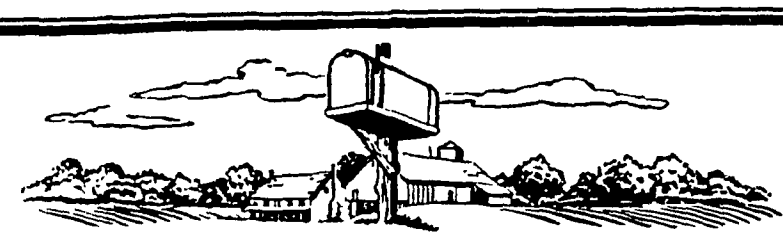

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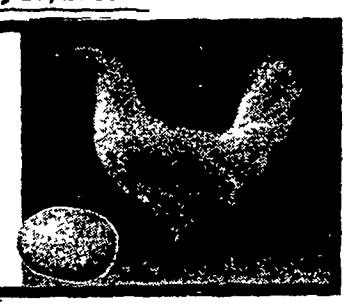
POULTRY MARKETS



Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	July 12 Tuesday	July 14 Thursday
Class 1 - Large	48 lbs.	54	51
Class 2 - Large	45 lbs.	47	47
Class 3 - Medium	42 lbs.	38½	38½
Class 4 - Small	39 lbs.	33	33
Breaking Stock	48 lbs.	43	43
Checks	48 lbs.	38½	38½

Delmarva Poultry

Thursday, July 14
Report supplied by USDA

Market Comment: Ready-to-cook movement improved with end of the day clearances still the rule. Less than truckline asking prices are unchanged occasionally higher at 52-57 cents. Slaughter schedules are moderate. Live supplies adequate weights trend lighter. Undertone steady.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 7/14 - 1,839; Actual 7/7 - 1,848; Actual 7/12 - 1,819; Average Weights 7/12 - 4.30; 7/5 - 4.14.

Philadelphia Eggs

Thursday, July 14
Report supplied by USDA

MARKET COMMENT: Prices unchanged to slightly lower. Carton egg orders are fair with best demand noted on larger sizes. Supplies in offerings of large are adequate to fully adequate, medium fully adequate to ample.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 66.00-68.00; A Large 65.00-67.00; A Medium 50.00-54.00.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, July 12
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.46-1.60 per lb.

MUSCOVY DUCKS, HENS: range 1.00-1.48 per lb.

PEKIN DUCKS: range .40-.58 per lb.

PULLETS: 5-7 lbs. range .30-.42 per lb.

RED FOWL: 4-5 lbs. range .20-.28 per lb.

RED FOWL: 5-6 lbs. range .26-.34 per lb.

CROSSBRED FOWL: 5-8 lbs. range .12-.36 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .30-.62 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .15-.46 per lb.

GUINEA FOWL: range .90-1.60 per lb.

BANTY ROOSTERS: range 2.00-3.60 ea.

BROILERS: range 3.5 lbs. .22-.34 ea.

BANTY HENS: range .75-1.25 ea.

GEESE: 8-11 lbs. range .30-.46 per lb.

PIGEONS: range .75-1.20 ea.

WHITE PIGEONS: range 1.20-1.75 ea.

RABBITS: 4-6 lbs. range .25-.44 per lb.

RABBITS: 7-12 lbs. range .20-.42 per lb.

BUNNIES: range .25-.75.

GUINEA PIGS: range .25-1.75 ea.

GOATS: range 17.00-49.00 ea.

KID GOATS: range 15.00-32.00

TOTAL AMOUNT COOPS: 1,028

Weekly New York Egg Market

From Friday, July 8 to July 15

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	79	79	79	81	81
Ex Large	75	75	75	76	76
Large	69	69	69	69	69
Mediums	57	57	55	55	55
Pullets	44	44	42	42	42
Off Grade	63	63	63	61	61
BROWN					
Jumbo			–	–	–
Ex Large	86	86	86	86	86
Large	77	77	77	77	77
Mediums	60	60	60	60	60
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	37	37	37	36	36
Checks	35	35	35	34	34

N. E. Weekly Shell Egg Report

Tuesday, July 12
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MAINE	89-94	81-89	69-73	45-51
MASS.X	94-96	84-86	72-74	53-55
Mostly	94	84	72	53
N. HAMP.	82-86	72-76	62-66	38-42
Mostly	84	74	64	40
R.I.	83-89	73-79	61-69	41-47
Mostly	83-85	73-75	61-65	41-43
VERMONT	93-1.02	89-95	75-80	–
Mostly	97	94	75	–

X Includes Central and Western Sections only.

Eastern Pa. & N.J. Poultry

Thursday July 14
Report supplied by USDA

Market Comment: Generally one cent lower for this week's arrivals with plants bidding a half cent lower for the following week paid. Live supplies are at least adequate for plant requirements.

Prices Paid at Farm: Light Type Hens: 9¾-10½.

F.O.B. Plant: 12¼.

New York Multiple Drop Broiler Report

Thursday, July 14
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 52.00-57.00.

WTD. AVG.: U.S. Grade A 55.93; Boxes 11,222.

North Jersey Livestock

Hackettstown, N.J.
Tuesday, July 12
Report supplied by auction

1101 head.

Calves 20.00-111.00; Cows 34.75-49.00; Easy Cows 37.25-42.50; Heifers 43.25-51.50; Bulls 47.25-61.75; Steers 41.25-58.25; Hogs 25.00-49.00; Roasting Pigs, each 15.00-50.00; Kids 5.00-41.00; Boars 32.00-51.50; Sows 30.00-32.00; Sheep 10.00-47.00; Lambs, each 5.00-48.00; Lambs, per lb. 47.00-70.00; Goats, each 7.00-65.00; Hides 2.00.

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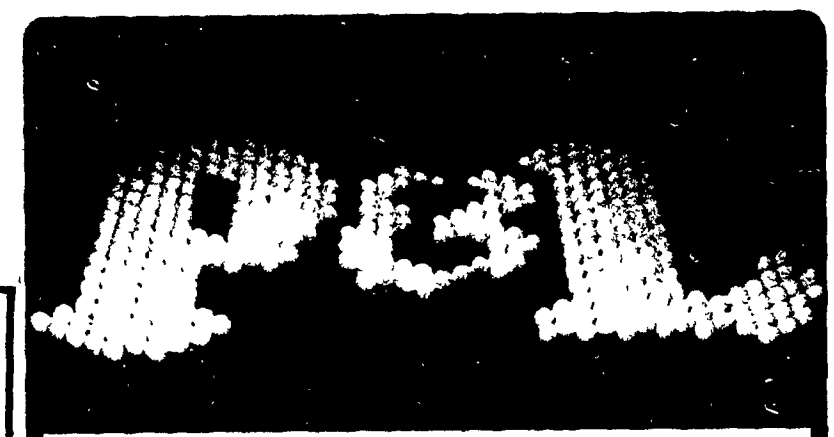

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Dr. John W. Fidler
Manager of Technical Services

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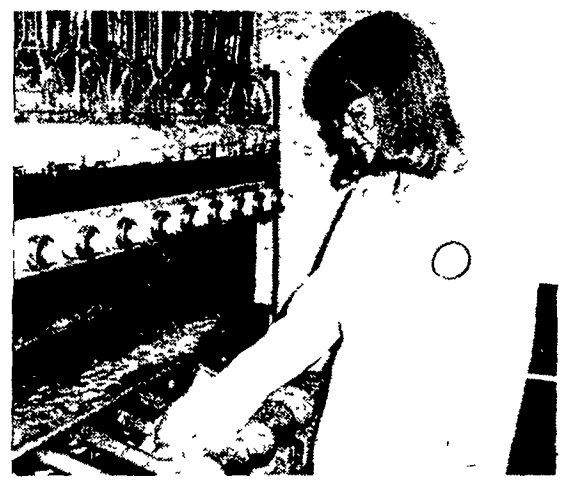
Here's how it's done:

1 The analysis begins with a collection of a forage sample from your farm.

2. The sample is dried in an oven to determine moisture . . .

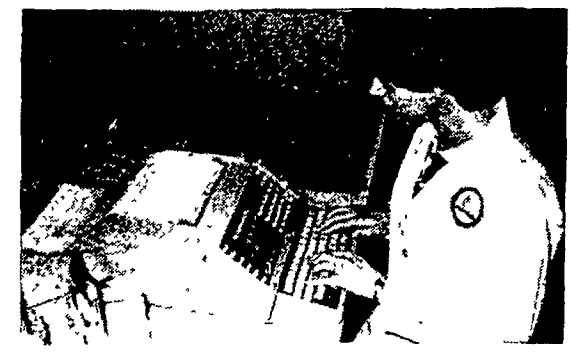
3. and ground to improve uniformity.

4. A sample is weighed seven times during the procedure to gather data.



5. Samples are chemically digested to measure protein levels.

6. Acid detergent fiber is another important indication of nutrient content.



7. Finally, a report is prepared on the results of tests like the ones shown above. The summary provides results on moisture, protein, fiber, energy, calcium, and phosphorous. It gives you the information you need to formulate your best dairy nutrition program.

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Quality - Performance - Service

Regional Hay

Friday, July 8
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm and per ton).

Hay and straw steady to strong; second cutting Alfalfa now on the market in southern areas.

Alfalfa 70.00-90.00; Mixed hay 55.00-65.00; Timothy hay 45.00-65.00; Straw 40.00-55.00; Mulch 25.00-35.00.

Green Dragon Hay

Ephrata, Pa.
Friday, July 8
Report supplied by PDA

48 loads hay and 12 loads straw.

Alfalfa, few 41.00-50.00, individual 94.00; Mixed hay 50.00-77.00, few down to 41.00; Timothy hay 40.00-61.00, few 70.00; Straw 57.00-84.00; Ear Corn, 12 loads 94.00-111.00.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, July 12
Report supplied by auction

16 loads.

Alfalfa, 70.00-90.00; Mixed hay, 50.00-57.00; Timothy, 40.00-72.50; Straw, 59.00; and Ear Corn, 101.00-114.00.

New Holland Hay

New Holland Sales Stables
Monday, July 11
Report supplied by auction

102 loads; new crop market steady and corn market strong.

Alfalfa few top loads second cutting 101.00-122.00, first cutting 60.00-85.00; Mixed mostly first cutting new few Timothy & Alfalfa over 100.00; Clover and Timothy Choice 75.00-90.00, mostly 60.00-75.00; Timothy 60.00-75.00; several loads for Mulch 48.00-54.00; Clover 49.00-54.00; Straw mostly 78.00-92.00, some off-color 60.00-70.00; Ear Corn 109.00-118.00; Oats 2.15-2.35 bu.; Barley 2.25 bu.

Kiester's Hay

Middleburg, Pa.
Tuesday, July 12
Report supplied by auction

22 loads.

Mixed 32.00-45.00; Alfalfa 53.00-75.00; Four loads of straw 37.50-42.50; Ear Corn 95.00-100.00; Oats 1.50 a bushel.

Good's Hay

Leola, Pa.
Wednesday, July 13
Report supplied by auction

54 loads.

Mixed 42.00-89.00; Straw 64.00-90.00; Alfalfa 34.00-113.00; Timothy 40.00-58.00; Corn 112.00-120.00.

Pa. Grain

Monday, July 11
Report supplied by PDA

Compared with last Tuesday's market for Southeastern, Central and South Central Pa. Corn steady to 2 cents lower. Wheat steady to 5 cents lower as more new crop comes on the market. Barley unevenly steady. Oats steady to 4 cents lower. Ear Corn mostly steady, spots $1 lower.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.45-3.70, average 3.58, New Crop 2.78-2.91; Wheat No. 2 range 3.30-3.60, average 3.41, Barley No. 3 range 1.85-2.00, few reported 2.15, average 1.98; Oats No. 2 range 1.65-1.95; average 1.78; Soybeans No. 1 range 5.90-6.00, average 5.95, New Crop 5.95-6.14; Grain Sorghum #2 range 2.80, average 2.80; Ear Corn range 95.00-100.00, average 97.08.

Central Pa.

Corn No. 2-y range 3.40-3.60, average 3.49; Wheat No. 2 range 3.20-3.50, average 3.33; Barley No. 3 range 1.85-2.15, average 1.96; Oats No. 2 range 1.50-1.90, average 1.69; Soybeans No. 1 range 5.25-5.40, average 5.33; Gr. Sorghum #2 range 3.20, average 3.20; Ear Corn range 85.00-98.00, average 92.67.

South Central Pa.

Corn No. 2-y range 3.45-3.55, average 3.51; Wheat No. 2 range few reported 3.15-3.40, average 3.26; Barley No. 3 range 1.85-2.00, average 1.94 Oats No. 2 range 1.70-1.85, average 1.75; Ear Corn range 85.00-100.00, average 93.45.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.40-3.70, average 3.53; Wheat No. 2 range 3.15-3.60, average 3.35; Barley No. 3 range 1.85-2.15, average 1.97; Oats No. 2 range 1.50-1.95, average 1.73; Ear Corn range 85.00-100.00; average 94.83.

Western Pa.

Corn No. 2-y range 3.20-3.60, average 3.40; Wheat No. 2 range 3.10-3.20, average 3.14; Barley No. 3 range 1.90-1.95, average 1.93; Oats No. 2 range 1.60-1.75, average 1.66; Ear Corn range 80.00-91.00, average 85.00.

St. Louis Cattle

Thursday, July 14
Report supplied by USDA

Receipts This Week	3,600
Week Ago	1,700
Year Ago	4,700

Compared to last week, Slaughter Steers 1.50-2.00 lower. Slaughter Heifers 2.00-2.50 lower. Cows 1.00-2.00 lower, most decline on boning Utility. Bulls steady. Slaughter supply mainly Choice and Mixed Choice and Prime Slaughter Steers, around 30% Heifers and 5% Cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1300 lbs. 61.50-63.50, part load early 64.00, closing 61.50-62.25. Choice 2-4 950-1250 lbs. 60.00-63.00 closing sales 60.00-61.50. Mixed Good and Choice 2-4 900-1200 lbs. 58.00-62.00. closing 58.00-60.00. God 2-3 900-1175 lbs. 56.00-60.00. Mostly Good 2-3 1050-1350 lbs. Holsteins 52.00-57.00. Few lots Standard to Good 1100-1275 lbs. 49.00-54.25.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1100 lbs. 59.50-61.50, package early 62.00, closing 59.50-60.00. Choice 2-4 850-1050 lbs. 58.00-61.00, closing week sales 58.00-59.50; 800-850 lbs. 56.00-60.00. Mixed Good and Choice 2-3 850-1000 lbs. 56.00-60.00; 750-850 lbs. 54.00-58.00. Good 2-3 750-975 lbs. 53.00-58.00.

COWS: (Closing week sales) Utility and Commercial 2-4 39.00-42.00. Boning Utility 1-2 42.00-44.00. High-Yielding Utility 1-2 44.00. Cutter 1-2 38.00-41.00. Canner and low Cutter 1-2 34.00-38.00.

BULLS: YG 1-2 1050-2000 lbs. 48.00-54.00. Few YG 1 55.00.

Wednesday's Weekly Sheep Auction receipts about 500 head. Compared last Wednesday, Spring Slaughter Lambs 4.00-6.00 lower. Other Slaughter classes scarce, prices not well tested. No recent comparison on Feeder Lambs.

SPRING SLAUGHTER LAMBS: Choice and Prime 95-123 lbs. 44.00-50.00. Small lot Prime 120 lbs. 53.50. Choice 80-100 lbs. 41.00-43.50.

FEEDER LAMBS: Scattered lots Choice and Fancy 70-80 lbs. 43.00. Small lot good 67 lbs. 35.00.

FEEDERS: (including around 600 at the regular Thursday Auction.) Feeder Steers and Heifers unevenly 2.00-4.00 lower, but not all grades and weights both classes represented in sufficient numbers in the light supply to fully test prices.

FEEDER STEERS: Medium Frame 1: small lots 350-475 lbs. 64.75-67.75; scattered lots 500-600 lbs. 59.50; small lots and individual head 750-1000 lbs. 55.50-58.25; lot fleshy 1040 lbs. 58.50. Medium Frame 1-2; small lots and individual head 700-750 lbs. 5.50-54.50. Large Frame 2 Holsteins: couple lots 775-925 lbs. 45.00-45.25.

FEEDER HEIFERS: Medium Frame 1: few lots 340-365 lbs. 53.50-53.75. Medium Frame 1-2 and some small frame 1; several lots and individual head 400-600 lbs. 48.50-51.50.

STOCK COWS: Small lot small frame 1 young 740 lbs. 45.00.

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

EARLY BIRD HOG SALE
For Your Protection Your Hogs Must Be Identified

10:00 AM

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

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Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

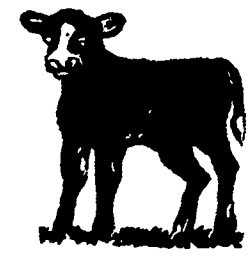
11:00 AM

BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Carlisle Auction

Carlisle, Pa.
Tuesday, July 12
Report supplied by auction

CATTLE: Steers were 2.50 higher; Heifers were 2.00 lower; Cows were 1.00 higher and Bulls were steady. Steers- No choice offered; Good 59.00-61.00; Standard 55.75-56.75; Utility 51.00 down. Heifers- High Good & Low Choice 57.00-58.00; Standard 51.75-54.75; Utility 50.00 down. Cows- Utility & Commercial 44.35-46.85; Cutter 42.85-44.00; Canner & Low Cutter 38.60-42.00; Shells 38.00 down. Bulls- Good 1070-1175 lbs. 48.50-53.50; Medium 1300-1555 lbs. 45.60-49.25.

FEEDER CATTLE: Steers were steady, Bulls were 3.00 to 6.00 higher and Heifers were 3.00 lower. Steers- Good 375-477 lbs. 63.50-67.00; Good 562 lbs. 63.50; Medium 385-525 lbs. 51.00-54.00; Medium 510-650 lbs. 56.00-58.50; Medium 720-762 lbs. 52.00-53.00. Heifers- Good 600-630 lbs. 51.00-57.00; Medium 315-520 lbs. 49.00-49.50; Utility 345-655 lbs. 37.50-43.00; Medium 600-670 lbs. 46.00-47.00. Bulls- Good 400-405 lbs. 58.50-61.00; Medium 400-450 lbs. 49.00-52.00; Good 510-655 lbs. 56.00-59.00.

CALVES: Large run, Vealers were 14.00 lower and back to farm calves 20.00 lower for Hol. Bulls and 20.00 lower for Hol. Heifers. Vealers- Choice 75.00-81.00; good 60.00-75.00; Standard & Good 50.00-65.00; Standard and Light 55.00 down. Farm Calves- Hol. Bulls 75.00-85.00; Hol. Heifers 80.00-88.00.

HOGS: 1.00 higher! US No. 1-2, 45.00-49.10; US No. 1-3, 43.50-45.50; US No. 2-3's (over 300 lbs.) 34.50-38.25. Sows- .75 lower; US No. 1-3, 33.75-37.00; No. 2-3, 28.50-33.00. Boars- 1.50 higher; 28.75-30.75 (heavy).

FEEDER PIGS: Steady to 3.00 higher. US No. 1-3, 20-30 lbs. 18.00-21.00 head; No. 1-3, 35-45 lbs. 25.00-28.00 head.

SHEEP: Lambs- Good 49.00-53.00. Ewes- 15.00-32.00. Goats- Family's 58.00-65.00 head; Singles 15.00-38.00 head.

PENNSYLVANIA MARKETS

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, July 11
Report supplied by PDA

CATTLE 440: Compared with the market two weeks ago: Slaughter cows 1.50 lower. Few Choice slaughter steers 59.50-61.00, Good 57.00-60.00, Standard 52.00-57.00, Utility 47.00-52.50. Few Good slaughter heifers 56.50-59.50, Standard 50.00-56.00, Utility 45.00-50.25. Utility & Commercial slaughter cows 42.00-46.50, few High Yielding 47.00-50.50, Cutters 38.00-42.25, Canner & Low Cutters 32.00-38.50, Shells down to 22.00. Yield grade #1 1000-1700 lbs. slaughter bulls 50.00-56.50, #2 900-1600 lbs. 47.00-51.00. Medium Frame #1 400-700 lbs. feeder steers 55.00-59.50. Few Large Frame #1 600 lbs. feeder heifers at 56.00, Medium Frame #2 500-700 lbs. 45.00-50.00. Medium Frame #1 300-600 lbs. feeder bulls 54.00-58.00, #2 350-500 lbs. 46.00-54.00.

CALVES 310: Vealers mostly steady. Choice vealers 66.00-80.00, Good 59.50-67.00, Standard & Good 90-120 lbs. 51.00-60.00, 60-85 lbs. 46.00-52.00. Farm Calves: Holstein Bulls 90-125 lbs. 70.00-87.00; few Holstein Heifers 85-115 lbs. 59.00-65.00.

HOGS 211: US No. 1-3 210-240 lbs. barrows and gilts 45.00-46.00, few No. 2-3 280-325 lbs. 35.00-38.00, No. 1-3 150-190 lbs. 40.50-44.00. US No. 1-3 300-500 lbs. sows 33.00-35.00. Few Boars 30.00-31.00.

FEEDER PIGS 41: US No. 1-3 40-70 lbs. feeder pigs 24.00-37.50 per head, Utility 15-35 lbs. 13.50-16.50 per head.

SHEEP 108: Spring slaughter lambs 4.00-5.00 higher. Choice 80-95 lbs. spring slaughter lambs 54.00-59.50, good 60-95 lbs. 50.00-52.00. Good 40-70 lbs. feeder lambs 43.00-53.50. Slaughter sheep 10.00-19.50. Goats 5: 12.00-18.00 per head.

Keisters Middleburg Auction

Middleburg, Pa.
Tuesday, July 12
Report supplied by Auction

CATTLE 361: High Choice & Prime slaughter steers 64.35-65.25, Choice 62-35-65.10, Good 59.00-64.85, Standard 53.00-59.00, Utility 48.00-53.00. Choice slaughter heifers 60.00-62.85, Good 55.00-60.00, Standard 52.00-55.00, Utility 42.00-52.00. Utility & Commercial slaughter cows 46.00-50.50, few to 51.00, Cutters 44.00-48.75, Canner & Low Cutter 36.00-44.00, Shells down to 32.00. Choice slaughter bullocks 60.00-62.85, Good 54.00-59.25. Yield Grade #1 1200-2000 lbs. slaughter bulls 55.00-62.75; yield grade #2 800-1200 lbs. 48.00-55.00.

CALVES 221: Choice vealers 75.00-83.00, Good 59.00-78.00, Standard & Good 90-110 lbs. 48.00-54.00, 70-90 lbs. 42.00-52.00. Farm calves, holstein bulls 90-120 lbs. 70.00-86.50; holstein heifers 90-125 lbs. 65.00-89.00.

HOGS 502: (Monday, July 11, 1983). US No. 1-2 210-235 lbs. barrows & gilts 48.50-49.50, few lots 51.25, No. 1-3 200-250 lbs. 48.00-48.50, No. 2-3 190-270 lbs. 45.00-48.00. US No. 1-3 290-600 lbs. sows 36.00-38.25, few to 45.25, No. 2-3 290-550 lbs. 31.00-36.00. Boars 29.00-31.50.

FEEDER PIGS 262: US No. 1-3 10-25 lbs. feeder pigs 12.00-22.00 per head, No. 1-3 25-50 lbs. 22.00-41.50 per head.

SHEEP 28: Choice 50-90 lbs spring slaughter lambs 53.00-71.00 Good 40-80 lbs. 40.00-55.00 Slaughter ewes 10.00-22.00.

New Wilmington Livestock

New Wilmington, PA
Monday, July 11
Report supplied by PDA

CATTLE 220: Compared with the market two week's ago: Slaughter cows fully 1.00 lower. Few Choice slaughter steers 61.25-63.00, Good 57.50-61.50, Standard 51.00-57.00. Few choice slaughter heifers 59.75-61.00, few Good 52.00-55.00, few Standard at 50.00. Utility & Commercial slaughter cows 43.00-46.00, one 47.25, Cutters 40.00-44.00, Canner & Low Cutters 32.00-40.50. Yield grade No. 1 1045-2085 lbs. slaughter bulls 50.00-55.00, few 57.00. Few Medium & Large Frame #1 430-510 lbs. feeder steers 52.00-62.50. Few Medium & Large Frame #1 450-595 lbs. feeder heifers 47.25-53.00, 620-820 lbs. 42.00-47.00. Medium and Large Frame #1 610-900 lbs. feeder bulls 42.00-47.25.

CALVES 297: Vealers grading Good & Choice mostly steady, Standard mostly 10.00 lower. Few Prime vealers 90.00-96.00, Choice 78.00-90.00, Good 65.00-80.00; Choice heavy weights 68.00-78.00, Standard 50.00-67.50; Standard & Good 90-120 lbs. 40.00-57.00, 65-85 lbs. 30.00-45.00, Utility 50-135 lbs. 20.00-30.00. Farm Calves: Holstein Bulls 95-135 lbs. 60.00-70.00; Holstein Heifers 85-135 lbs. 55.00-74.00.

HOGS 490: Barrows and gilts .50 higher. US No. 1-2 200-240 lbs. barrows and gilts 46.75-47.60, No. 1-3 200-250 lbs. 46.00-47.00, lot No. 2-3 255 lbs. at 45.00, lot 315 lbs. at 35.00., No. 1-3 145-185 lbs. 38.00-43.00. Sows about steady. US No. 1-3 290-575 lbs. sows 30.00-34.25. Boars 25.00-32.00.

FEEDER PIGS 86: US No. 1-3 15-30 lbs. feeder pigs 14.00-26.00 per head, No. 1-3 30-40 lbs. 26.00-29.00 per head.

SHEEP 197: Choice 60-80 lbs. spring slaughter lambs 48.00-68.00, few 77.00, 80-110 lbs. 40.00-59.00; Good 75-90 lbs. 35.00-45.00, Mixed Good & Choice 55-70 lbs. feeders 50.00-62.00. Slaughter ewes 5.00-25.00.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, July 12
Report supplied by PDA

CATTLE 202: Compared with last Tuesday's market, slaughter steers steady to 1.00 lower. Slaughter cows steady to 1.00 higher. One High Choice slaughter steer at 63.10, couple Choice 62.60 and 62.75, Good 57.85-61.85, one at 63.75, Standard 50.00-56.00, Good & Choice holsteins 56.00-59.10. Choice 985-1185 lbs. slaughter heifers 57.25-59.85, few to 61.75, few Good 52.10-55.00, few Utility & Standard 46.75-52.00. Utility & Commercial slaughter cows 45.00-47.10, few to 48.35, Cutters 42.85-44.75, few to 45.75, Canner & Low Cutter 37.75-42.60, Sehlls down to 25.00. One Good slaughter bullock at 55.25, few Standard 51.60-53.25, few Utility 48.25-49.75. Few Yield Grade #1 1355-1755 lbs. slaughter bulls 54.50-59.85.

CALVES 230: Vealers grading Standard & Good steady to 5.00 lower. Few Choice vealers 80.00-82.00, few Good 66.00-78.00, Standard & Good 90-110 lbs. 52.00-62.00, 65-90 lbs. 43.00-52.00, Utility 40-90 lbs. 30.00-42.00. Farm calves, holstein bulls 85-125 lbs. 66.00-99.00, mostly 79.00-93.00; holstein heifers 80-115 lbs. 56.00-86.00, mostly 71.00-86.00.

HOGS 175: barrows & gilts .75-1.00 higher. US No. 1-2 220-250 lbs. barrows & gilts 46.75-47.60, 2 lots 48.00, No. 1-3 147-200 lbs. 34.50-40.50. US No. 1-3 305-445 lbs. sows 30.00-34.25. Boars 30.00-32.00.

FEEDER PIGS 32: US No. 1 30-50 lbs. feeder pigs 50.00-69.00, lot 82.00 cwt., 2 lots 20 and 40 lbs. 23.00 and 45.00 cwt.

SHEEP 9: Few Choice 45-70 lbs. spring slaughter lambs 52.00-59.00, one Good 65 lbs. at 45.00. Few Slaughter ewes 8.00-14.00.

GOATS 2: Kids 15.00 per head.

Lancaster Feeder Cattle

Friday, July 8
Report supplied by USDA

Today	137
Last Friday	279
Last Year	378

TREND: Insufficient volume for a market test. Supply mainly in lots of three or less, sold in a clean-up trade.

For quotations of next week's prices
call collect 215-488-7617
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Livestock market and auction news

THE OLD FARMER'S ALMANAC

JULY 18-24, 1983

Berries are ripe — no time to gripe.

Keep the compost pile working by watering it during dry spells "Legionnaire's Disease" killed 29 who attended American Legion convention in Philadelphia, July 21-24, 1976 . Full moon July 24 (Sun.) . Average length of days for the week, 14 hours, 49 minutes

Women's rights convention in Seneca Falls, N Y, July 19, 1948 . U.S. astronaut Neil Armstrong walked on the moon, July 20, 1969

Fear not the day you have not seen

Ask the Old Farmer: Why are some fire trucks known as "hook and ladder" trucks? FS , Alexandria, La

Such trucks used to carry a huge hook on a pole to haul wooden buildings apart — the better to contain the fire

Home Hints: To remove wrinkles from clothes left in a dryer toss in a damp cloth and run the dryer for a couple minutes more

OLD FARMER'S WEATHER FORECAST

New England: To start rainy and cool, clearing then showers midweek, sunny and warm week's end

Greater New York-New Jersey: Week is sunny, few showers, cool

Middle Atlantic Coastal: Sunny, then showers warming throughout week, clear and hot end

Piedmont & Southeast Coastal: Week starts rainy and cool, partly sunny, scattered showers, turning hot rest of week

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Peoria Cattle

Thursday, July 14

Report supplied by USDA

Slaughter Steers traded 1.00 to mostly 1.50 lower for the week and Heifers were 1.50 lower. Cows and Bulls steady. Trading rather slow Monday, but moderate on Wednesday. Bulk of Steer supply Good to mostly Choice 1050-1150 lbs. and Heifers Good and Choice 900-950 lbs. Cows about 6% of receipts. Best outlets continue to be for Choice 2-3 Steers over 1100 lbs. and on Choice over 950 lbs. Heifers. Receipts about 2100 this week, 1544 a week ago and 2611 a year ago.

SLAUGHTER STEERS: Choice 2-4 1050-1250 lbs. 61.00-63.00, mostly 61.50-63.00, few 63.50-63.75 on Monday; 2-3 950-1075 lbs. 61.00-62.00. Mixed Good and Choice 2-3 1000-1150 lb.s 58.00-61.00, Good 950-1150 lbs. 55.00-60.00. Good, few Choice 2-3 1150-1300 lbs. Holsteins 53.00-54.50, Standard and Good 2 1050-1200 lbs. 49.00-51.00.

UNITED STATES MARKETS

SLAUGHTER HEIFERS: Choice 2-4 925-1050 lbs. 59.00-61.50, mostly 59.00-60.00 Wednesday, but the lack of high dressing Choice 3 Heifers did not make a full market test possible. Choice 2-4 850-925 lbs. 57.50-59.50. Some Choice and Prime 4-5 1000-1125 lbs. 53.00-56.00. Mixed Good and Choice 2-3 850-1075 lbs. 56.00-59.50. Good 54.00-57.00.

COWS: Utility and Few Commercial 1-3 39.00-42.00, few high dressing Utility 1-2 43.00-43.50. Cutter 1-2 37.00-40.00. Canner and low Cutter 35.00-36.00.

BULLS: YG 1-2 1100-1700 lbs. 47.50-55.00, mostly 49.00-42.00.

Omaha Cattle

Thursday, July 14

Report supplied by USDA

Weekly 51 Cattle - compared to last week's close, Slaughter Steers and Heifers ranged 1.00-2.00 lower through Wednesday of this week. Cows 1.50-2.00 lower. Bulls steady.

Fed cattle prices skidded ot the lowest level since February 1983, precipitated by a 3.00-5.00 decline in the carcass beef trade. Fairly liberal early week receipts also kept pressure on the market; although slight price recovery noted on Wednesday's modest supply. Demand from most buying interests proved Good at the decline, except on Steers and Heifers under 1075 lbs. and 925 lbs. respectively, these still subject to discounts.

Four day Receipts 11821; Week Ago 9304; Last Year 8741. Steers comprised 51 pct of the week's receipts, Heifers 73 pct., Cows 8 pct., Feeders 3 pct.

STEERS: Scattered loads and lots Choice 2-4 1050-1275 lbs. 62.00-63.50, load confinement fed near 1200 lbs. 64.00. Mixed Good and Choice 2-3 1000-1150 lbs. 61.50-62.50. Few Good 59.00-61.00.

HEIFERS: Scattered loads and lots choice 2-4 925-1075 lbs. 60.50-61.50, Mixed Good and Choice 2-3 875-1025 lbs. 57.50-60.50. Few Good 54.00-58.00.

Average of LS 214 Detailed quotations for 900-1100 lb. Choice Steers 62.25; 1100-1300 lbs. 63.15. Average cost Steers 62.73, average weight 1143 lbs.; as compared 63.40 and 1145 lbs. a week ago. Average cost Heifers 977 lbs., average weight 59.91; as compared 992 lbs. and 61.27 a week ago.

COWS: High Cutter, Utility and Commercial 1-3 39.00-42.50. Canner and Cutter 35.00-38.00.

BULLS: 1-2 1100-1800 lbs. 48.00-53.00.

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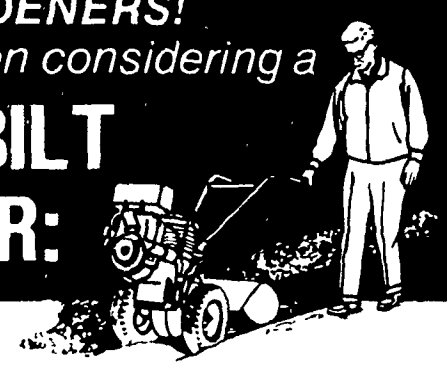

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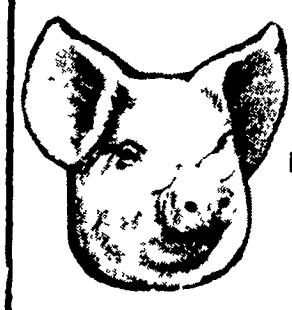

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Livestock market and auction news

VIRGINIA MARKETS

Virginia Auction Summary

July 7-13
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 3,091.

TREND: Steady to 1.00 higher.

Southwestern, Va.
Auction Summary
July 7-13

STEERS: 300-500 lbs. Medium 1 57.50-69.00; Large 1 60.00-70.00; Small 1 52.00-64.00; 500-700 lbs. 55.00-65.00; Large 1 55.00-66.00; Small 1 54.00-60.25. 700-1000 lbs. 51.50-59.50; Large 1 53.00-61.50; Small 1 52.00-54.50.

HEIFERS: 300-500 lbs. Medium 1 50.25-59.50; Large 1 51.00-60.50; Small 1 45.00-53.00. 500-700 lbs. Medium 1 48.00-57.00; Large 1 51.00-58.25; Small 1 45.00-54.00. 700-900 lbs. Medium 1 45.00-52.75; Large 1 51.00-62.50; Small 1 42.00-45.00.

Southeast Va.
Auction Summary
July 7-13

STEERS: 300-500 lbs. Medium 1 55.50-65.50; Large 1 58.50. 500-700 lbs. Medium 1 50.00-58.00. 700-1000 lbs. 53.50.

HEIFERS: 300-500 lbs. Medium 1 46.50-54.00; Small 1 47.50-52.75. 500-700 lbs. Medium 1 45.00-51.00; Small 1 48.25-48.75.

Northern Va.
Auction Summary
July 7-13

STEERS: 300-500 lbs. Medium 1 60.00-71.00; Large 1 64.50-69.50; Small 1 54.00-61.50. 500-700 lbs. Medium 1 57.50-69.50; Large 1 61.00-65.00; Small 1 53.00-61.00. 700-1000 lbs. Medium 1 54.00-62.80; Large 1 55.00-60.00; Small 1 54.00-59.00.

HEIFERS: 300-500 lbs. Medium 1 47.50-59.50; Small 1 42.50-54.00. 500-700 lbs. Medium 1 45.75-57.00; Large 1 53.00-57.00; Small 1 48.00-52.00. 700-900 lbs. Medium 1 45.00-55.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, July 9
Report supplied by auction

FEEDER CATTLE: Steers: M&L-1 300-500 lbs. 64.50-71.00; 500-700 lbs. 58.00-68.50; 700-1000 lbs. 55.00-60.00; Holstein 300-1000 45.00-55.00. S-1&M&L-2 300-500 lbs. 58.00-65.50. Feeder Bulls: M&L-1 300-500 lbs. 50.50-62.00; 500-700 lbs. 48.00-55.25. S-1&M&L-2 300-500 lbs. 43.50-45.50; 500-700 lbs. 46.00-48.50. Heifers: M&L-1 300-500 lbs. 47.50-56.50; 500-700 lbs. 46.25-55.00. S-1&M&L-2 300-500 lbs. 46.50-49.00. Stock Cows: Beef 330.00-530.00. Baby Calves mostly 22.50-80.00.

SLAUGHTER CATTLE: Steers-Good 2-3 54.75-59.75. Heifers-Choice 2-4 57.00-58.75.

SLAUGHTER COWS: Utility & Commercial 2-4 36.50-46.50; Canner & Cutters 1-3 31.00-38.25.

SLAUGHTER BULLS 1 & 2 48.00-55.00.

LAMBS: High Choice & Prime 55.00; Choice 50.50; Feeder Lambs Choice 46.00; Slaughter Ewes 7.50-11.00.

HOGS: US 1-3 200-240 lbs. 46.00; Sows 1-3 27.00-33.00; Boars 25.00.

VEAL: Choice & Prime 56.00-69.00; Good 53.00-61.00.

SLAUGHTER CALVES: Good & Choice 51.50-55.00.

East Coast Carlot

Wednesday, July 13
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal not enough sales reported to test market; generally steady tone. Good and Choice boning veal generally steady; inshipped steady to 2.00 lower. Spring lamb 5.00 lower in limited early test. Compared to last week, boneless beef 85 chem lean 4.00 to 5.00 lower.

VEAL CARCASS
Prime (Special Fed)
Hide On
220-280 lbs. not established.
Good & Choice
Boning Type
Hide On

Northeastern Suppliers: all generally steady. 65-75 lbs. ltd 83.00; 55-64 lbs. ltd 81.00; 45-54 lbs. ltd 79.00; 35-44 lbs. ltd 77.00; 34 lbs. down ltd 75.00.

Inshipped: all steady to 2.00 lower. 71-80 lbs. 81.00-85.00; 61-70 lbs. 79.00-83.00; 51-60 lbs. 77.00-81.00; 41-50 lbs. 75.00-79.00; 30-40 lbs. 73.00-77.00.

SPRING LAMB BEEF
Choice and Prime 3-4
3 Loads

Compared to last week all 5.00 lower.

55 lbs. down ltd 121.00; 55-65 lbs. ltd 121.00; 65-75 lbs. ltd 121.00.

BONELESS BEEF
2 Loads
(US and Canadian Origin)

Compared to last week 4.00 to 5.00 lower.

85% Chem Lean, Fresh 106.00.

UNITED STATES MARKETS

Four States Livestock

Hagerstown, Md.
Wednesday, July 6
Report supplied by auction

SLAUGHTER: Fed Steers- Good run, 1.00 higher. Choice 60.00-63.25; Good 56.00-59.00; Medium 55.00 down. Heifers- Choice 59.00-63.00; Good 51.00-58.00; Medium 50.00 down. Cows- Mostly steady prices. High Yield 44.50-47.00; Average 41.00-44.00; Big Middle 37.00-40.00; Fatty Herf. 35.00-39.00; Shelly 38.00 down. Fat Bulls- 1.00 higher. Good 50.00-52.25; Medium 47.00-49.00. Veal Calves- 3.00-5.00 higher. Choice 78.00-84.50; Good 70.00-77.00; Medium 55.00-69.00; Farm Hfrs. to 81.00; Farm Bulls 80.00-100.00; Light & Weak 44.00. down. Lambs- 2.00 higher. Good 44.00-49.50; Medium 38.00-43.00.

STOCKER: Steers 300-550 lbs.- Steady to 1.00 higher. Choice 66.00-74.00; Good 59.00-65.00; Medium 52.00-58.00; Culls 51.00 down. Steers 600-850 lb.- Choice 60.00-64.00; Good 53.00-59.00; Medium 52.00 down. Heifers (all weights)- Choice 52.00-58.00; Good 44.00-51.00; Medium 43.00 down. Bulls- Good 51.00-55.00; Medium 47.00-50.00. Dairy Cows- to 575.00. Spring Heifers- to 760.00. Pigs- Good run, mostly steady prices. 20-30 lb. 14.00-23.00; 40-60 lb. 24.00-30.00. Slaughter Hogs- 1.50 higher. 215-230 lb. 46.00-46.85; 240-260 lb. 45.75-46.25; 195-210 lb. 43.50-45.00. Sows- 300-600 lb. 32.00-34.75.

Oklahoma Cattle

Wednesday, July 13
Report supplied by USDA

Estimated Receipts	9500
Same Day Last Week	6737

Trade moderately active, Feeder Steers and Heifers under 500 lb. not established. Feeder Steers and Heifers over 500 lb. firm to 1.00 higher. Bulk receipts consist of Medium Frame 1 and Mixed 1-2, 500-900 lb. Feeder Steers and 500-700 lb. Feeder Heifers.

FEEDER STEERS: Medium and Large Frame 1 375-450 lbs. 67.90-70.65; 500-600 lb. 65.00-68.00; 600-700 lb. 59.00-64.40; 700-800 lb. 58.50-61.00; 800-905 lb. 58.30-60.60, lot 920 lb. 57.60. Medium and Large Frame Mixed 1-2, few 500-600 lb. 58.50-63.00.

FEEDER HEIFERS: medium and Large Frame 1 420-480 lb. 56.70-56.90; 500-600 lb. 55.40-56.00, lot 530 lb. 59.25; 600-700 lb. 54.90-57.40; lot 720 lb. 56.00. Medium and Large Frame Mixed 1-2 small lot 430 lb. 52.20; 500-576 lb. 52.55-53.55; 600-800 lb. 49.25-54.10.

FOR THE WEEK: Feeder Steers under 500 lb. 2.00-4.00 lower; over 500 lb. 1.50-2.50 lower. Heifers under 500 lb. 1.00-2.00 lower; over 500 lb. steady to 1.00 lower. Cows weak to .50 lower. Bulls 1.00-2.00 lower.

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June, July, Aug., Sept.
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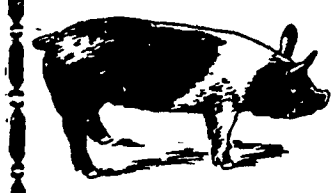

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Penny-wise and Pound-foolish

BY DICK ANGLESTEIN

Every farmer at one time or another has learned the lesson of being penny-wise and pound-foolish.

Delaying a machinery repair, skimping on fertilizer or planting the cheaper variety usually are always more costly in the long run.

We hope Pennsylvania's legislators have learned the same lesson.

They're gonna be just as penny-wise and pound-foolish if they don't restore needed ag funds to the state budget and then bite the fiscal bullet to pay for any supplemental allocations.

The amount needed to get PDA's budget back on sound footing is relatively small when you consider the overall contribution that agriculture makes to the economic health of Pennsylvania. Actually, it's an amount equal to about four-hundreths of one percent of the annual farm income that's generated annually in Pa.

If you consider the 7 to 1 multiplier effect in which each ag dollar generates $7 toward the state economy, the relationahip of the extra ag budget funds to the economic good it can do becomes almost infinitesimal.

And, if those funds are not restored, it could be among the most classic cases of being penny-wise and pound-foolish.

Some of the specific items cut from the ag budget are such things as filling personnel vacancies in the PDA so that farmers can be better served in both areas of production and even more important -- product promotion. Also, such things as the unique cooperative diagnostic effort between the PDA, New Bolton and Penn State in which a diagnostic team went right to farms to solve special unique problems. Just ask some hog farmers concerned about pseudorabies or poultry farmers facing Avian flu whether they think such on-farm diagnosis is necessary.

In recent years, there has been something of a rebirth in the appreciation of what agriculture means to the Commonwealth. This renaissance has been due to a number of things, including a more sympathetic administration, a more progressive PDA, helpful farm-born and farm-oriented legislators and continuing efforts of state farm organizations. This is not the time for this momentum to be slowed or even reversed.

As a kid, I remember that one of the dirtiest jobs was cleaning out the chicken coop. That coop could fit into just the corner of today's poultry houses, but to a little boy it looked just as big.

As she pushed the hoe and shovel into my hands and shoved me toward the coop, my grandmother would say: "Get on with it."

I soon learned that by waiting and putting off the chore, it would just get a little hotter the next day and a little more stifling and the litter would just be a little deeper.

Well, meeting the state's economic needs, and specifically those in ag, may be considered something of a dirty job in Harrisburg.

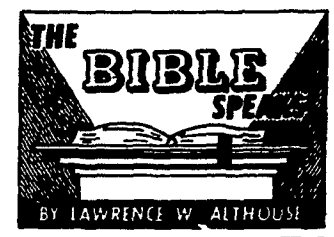
But, let's get on with it.

AND ...

Cindy and Robert Scott, who have a 154-acre dairy farm at R1 Saxton, submit the following dairy promotion slogan:

"If you must Drink and Drive.

"Drink Milk and Stay Alive."



PROMISES, PROMISES

July 17, 1983

Jephtha made a promise and kept it.

Hannah also made a promise and kept it.

It would seem that their stories were somewhat similar. Both wanted to insure God's help. Both made an offer to sacrifice something to God in return for that help. Jephtha gave up his daughter and Hannah gave up her son.

But that's as far as the similarities go and even those we've looked at are more apparent than real. For Hannah's understanding of God was far beyond the distorted understanding of Jephtha. He had assumed that the Lord was a God who could be appeased by human sacrifice. His daughter was the one who paid for his terrible bargan. Hannah, however, sacrificed, not the life of her son, Samuel, but only her own ties of love. The end result of Jephtha's deal was death, but of Hannah's it was life, a life dedicated to both God and his people.

WHAT SEEMS BEST

Jephtha made a promise that he shouldn't have made and, having made it, shouldn't have kept. Hannah, however, made a worthy promise and she was faithful in keeping it. She willingly gave over her son into the Lord's keeping and it does not appear that she ever thought of doing otherwise. It was a promise she would keep.

We cannot help admiring Elkanah, her husband, as well. As the father of the boy it was traditional for the father to have the say in anything that affected the boy's future. Sons belonged to their fathers. Fathers looked for, depended upon having sons, for it was through sons alone that the man's name and lineage were perpetuated. Hannah may have pledged the infant Samuel to the Lord, but Elkanah could easily have renounced that promise. So we are impressed as he tells his wife, "Do what seems best to you."

Next there follows an incident in which we get a profound look at the kind of sacrifice which Hannah made. When at last the baby is weaned, she took him to Shiloh, made an animal sacrifice, and then informed Eli the priest that Samuel had been given to her as the result of her prayer in Eli's presence and now she was giving him back to the Lord.

I HAVE LENT HIM

But note the language she chooses in making this sacrifice: "Therefore, I have let him to the Lord; as long as he lives, he is lent to the Lord." Samuel is not taken from Hannah by the Lord. Rather she gives the Lord what she could have rightly kept. She gives Samuel to God, not because she is fulfilling a bad bargain, but because she is grateful to God for his goodness in answering her prayer.

Thus the truly admirable thing about Hannah is the spirit in which she fulfills her promise and makes her offering to God. For her it is a privilege to keep her promise to God. That same privilege could well be ours, too.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Feed New Grain Carefully

The winter barley and wheat crop is now in the bin on many farms. If these grains are to be fed, it is suggested that the feeder go easy at first in order to prevent scours or bloating in animals. If the grain is allowed to "cure" or go through the sweat period for two to three weeks, it will be safer to use.

A small percentage of the feed mixture (10 to 20 percent) would be a starting place and then gradually increase the amount. In the case of wheat, use a smaller amount because of the nature of the cracked grains and the danger of digestive trouble.

Make changes, in any ration, gradually for best results.

To Readjust Time Clocks

This is the time to readjust time clocks controlling the lights in laying houses to provide the layers with the day length they received on June 21, according to Dr. Forest Muir, Poultry Specialist at Penn State University.

One of the cardinal rules of poultry management is to never decrease the light period of a flock in production. Most managers would never intentionally decrease the day length of a flock in production, but we are in a season when this can happen accidentally.

The longest sunrise to sunset period occurred on June 21. Thereafter the day length will decrease until December 21. It is approximately the third week in July before this decrease in day length is apparent.

Some Pennsylvania layers are in light controlled not light tight housing. The two major sources of light leakage in these buildings are from exhaust fans and air intakes. Therefore, layers housed in light controlled or in housing with windows may be subjected to a naturally decreasing day length unless the time clocks controlling the lights are readjusted to provide the layers with the day length they received on June 21.

To Graze Sudan and Sorghum Grasses Carefully

Some livestock producers plant sudan grass or one of the hybrid sorghums for extra summer pasture. These grasses have the ability to grow well during the heat of the summer. However, they should be managed carefully in order to prevent livestock poisoning.

When the sudan is grazed or green-chopped before it is 18 inches high, and if the sorghum hybrids are used before they are 24 to 30 inches high, there is danger of prussic acid poisoning. There is greater danger with the sorghum hybrids.

After the herd or flock has grazed the area, it should be clipped high, and then the regrowth allowed to reach the same length before using as fresh feed. Horses should not be allowed to graze or eat either of these two forage crops; it has been blamed for causing urinary bladder infection in equines.

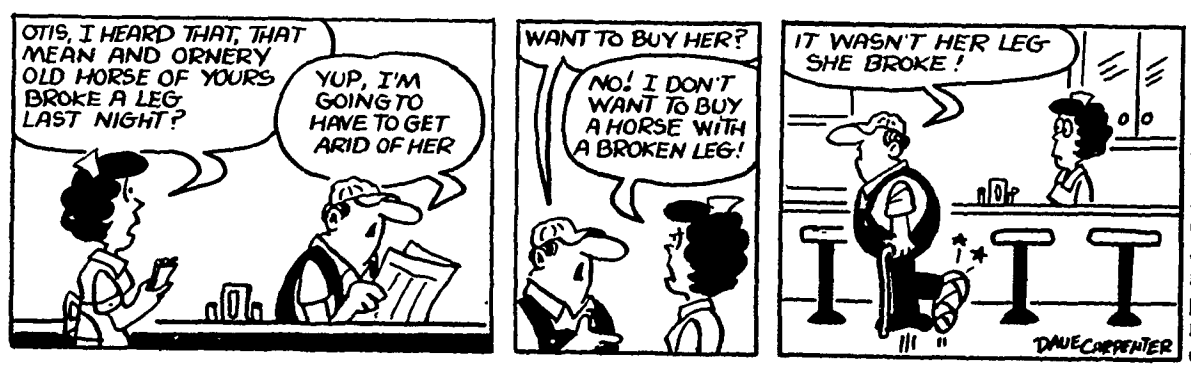
Manage sudan grass and sorghums carefully for best results.

To Keep Dogs Under Control

The summer months increase outdoor activity with your dog. Keep in mind that a dog owner's responsibility is to keep their pet under control at all times. Free roaming dogs cause accidents, bite, damage property and can be a general nuisance. They also carry diseases from farm to farm. Dogs are personal property and the owners are responsible for any damage caused by their pets.

Many dog related problems would be alleviated if owners were more aware of their responsibilities. All pet owners really need to do is to have their dogs licensed and keep them under control. Remember, that all dogs six months of age or older must be licensed. A license is an inexpensive means to identify your dog if it should stray. It also shows you care for your pet.

OTIS


OTIS, I HEARD THAT, THAT MEAN AND ORNERY OLD HORSE OF YOURS BROKE A LEG LAST NIGHT?
YUP, I'M GOING TO HAVE TO GET RID OF HER
WANT TO BUY HER?
NO! I DON'T WANT TO BUY A HORSE WITH A BROKEN LEG!
IT WASN'T HER LEG SHE BROKE!
DAVE CARPENTER

Farm Calendar

Saturday, July 16

Hunterdon County, N.J. Conservation Field Day, 10 a.m. - 3 p.m., Herman Panacek's Sycamore Lane Farm, Quakertown, N.J.

Open House & Field Day, Red & White Assn., Matt-Will Farm of Bill and Ginny Davis, Troy.

Pa. State Beekeepers Summer Picnic, 4-H Fairgrounds, Venango County.

Lancaster 4-H sheep fitting workshop, John Kimbark farm, north of Manheim, 10 a.m.

Monday, July 18

Kimberton Community Fair, Chester County, continues through Saturday.

Jefferson County Fair, Skyesville, continues through Saturday.

Adams County Beekeepers, 7:30 p.m., Penn State Fruit Research Lab, Biglerville.

Tuesday, July 19

Pa. Forage and Dairy Day, Hershey Farms, 9 a.m. - 4 p.m.

McKean County Fair Directors, 8 p.m., fairgrounds at Smethport.

Wednesday, July 20

Lancaster 4-H Dairy Show, 9 a.m., Solanco Fairgrounds.

Plainfield Farmers Fair, Pen Argyl, continues through Saturday.

Thursday, July 21

Lancaster County Holstein Show, 10 a.m., Solanco Fairgrounds.

Red Rose Alliance, 7:30 p.m., Blue Ball Fire Hall, directors to be elected.

Friday, July 22

Rabbit Conference, continues tomorrow, J.O. Keller Bldg., Penn State.

DHIA Supervisors Conference, banquet, 6:30 p.m. State College Elks Club.

Saturday, July 23

Shippensburg Fair, continues through next Saturday.

Pa. Ayrshire Field Day, 10 a.m. - 2:30 p.m., Delaware Valley College.

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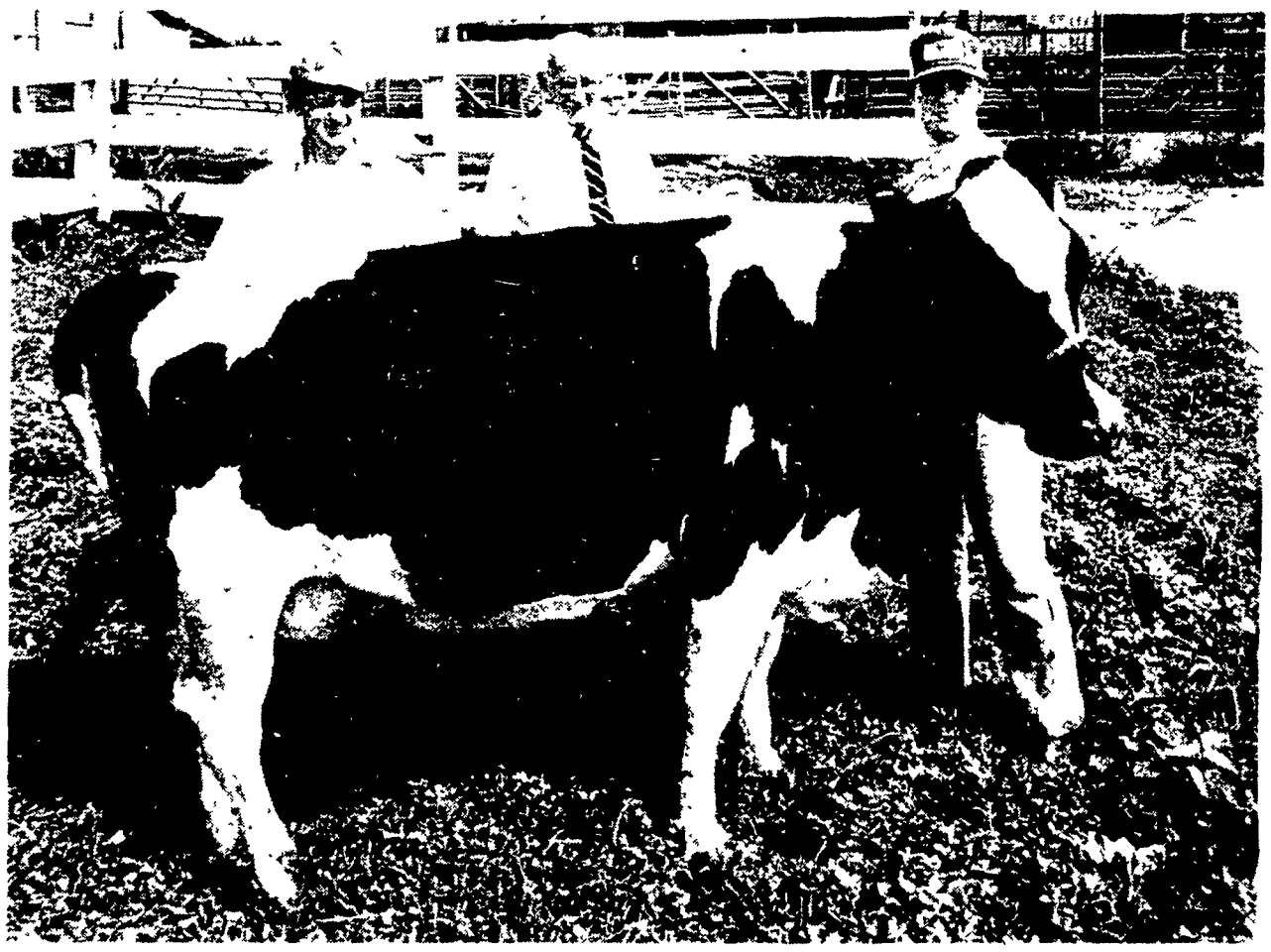

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Photo by Trish Williams

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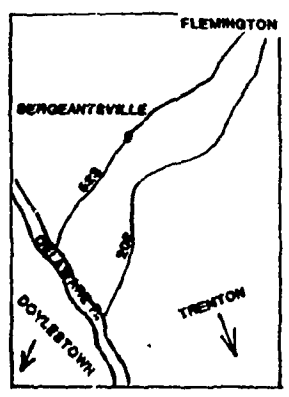

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Livestock market and auction news

Morrison Cove Auction

Martinsburg, Pa.
Monday, July 11
Report supplied by PDA

CATTLE 230: High Choice & Prime slaughter steers 63.50-65.25, Choice 61.50-62.75, Good 57.50-60.75, Standard 52.50-56.50, Utility 45.50-51.75. Choice slaughter heifers 60.25-63.25, Good 59.00-61.00, Standard 54.50-57.25, Utility 45.50-52.50. Utility & Commercial slaughter cows 46.50-50.25, Commercial 43.50-47.25, Cutters 40.25-43.25, Canner & Low Cutter 38.50-40.75, Shells down to 28.50. Choice slaughter bullocks 56.50-60.25, Good 52.50-56.00, Standard 49.50-51.50, Utility 38.50-45.50. Yield grade #1 slaughter bulls 54.50-57.50; yield grade #2 48.50-53.50. Choice feeder steers 60.50-68.50, Good 57.50-60.00, Medium 50.25-55.50; Good feeder heifers 54.50-60.00, Medium 44.50-52.50; Good feeder bulls 52.50-58.50, Medium 42.50-50.50.

CALVES 415: Prime vealers 79.50-89.50, Choice 72.50-84.50, Good 65.50-74.50, Standard & Good 110-130 lbs. 55.50-65.00, 90-110 lbs. 51.50-60.50, 70-90 lbs. 45.00-53.00, Utility 40.00. Farm calves, holstein bulls 90-130 lbs. 72 50-102.50; holstein heifers 90-130 lbs. 71.50-112.50.

HOGS 306: US No. 1-2 200-240 lbs. barrows & gilts 48.50-49.75, No. 1-3 200-240 lbs. 48.00-48.50, No. 2-3 200-240 lbs. 46.50-47.75, 270-320 lbs. 42.50-45.75. US No. 1-3 350-550 lbs. sows 36.25-40.00, No. 2-3 300-525 lbs. 30.00-33.75. Boars 28.00-29.50, light weights 31.00-40.00.

FEEDER PIGS 90: US No. 1-3 20-40 lbs. feeder pigs 22.50-32.50 per head, No. 1-3 40-60 lbs. 32.50-40.00 per head.

SHEEP 4: Good 90-100 lbs. spring slaughter lambs 52.50-54.50, Utility 40.00-48.50.

GOATS 22: 8.00-32.50 per head.

PENNSYLVANIA MARKETS

Belknap Auction

Dayton, PA
Wednesday, July 13
Report supplied by PDA

CATTLE 48: Compared with last Wednesday's market; Few Good and Choice 1575-1770 lbs. Holsteins 54.00-57.25, few Standard 50.00-53.00. Few Standard slaughter heifers 45.00-49.25. Few Utility & Commercial slaughter cows 45.00-48.50, few Cutters 41.50-44.75, few Canner and Low Cutters 35.00-40.00. Few Yield Grade #2 890-1510 lbs. slaughter bulls 46.25-50.50, one 39.50. Few Medium and Large Frame #1 700-900 lbs. feeder steers 50.00-52.25. Few Medium & Large Frame #1 690-865 lbs. feeder bulls 48.00-52.00.

CALVES 80: One Choice vealer at 70.00, Good 58.00-66.00, few Standard 55.00-59.00, few Standard & Good 90-115 lbs. 50.00-57.00, 60-85 lbs. 44.00-52.00. Farm Calves: Holstein Bulls 85-125 lbs. 55.00-65.00; Holstein Heifers 80-100 lbs. 56.00-64.00; Beef cross and bulls heifers 70-115 lbs. 54.00-76.00.

HOGS 151: Barrows and gilts strong to .50 higher. US No. 1-2 215-235 lbs. barrows and gilts 47.50-48.25, one lot 48.60, No. 1-3 210-255 lbs. 46.50-47.70, No. 1-3 140-195 lbs. 40.00-45.00. Sows 2.00 lower. US No. 1-3 280-560 lbs. sows 30.00-34.00, one 37.50, individual No. 2-3 675 lbs. at 28.00. Boars 25.50-34.00.

FEEDER PIGS 106: US No. 1-3 25-35 lbs. feeder pigs 18.00-20.00 per head, one lot No. 1-3 45 lbs. at 27.00 per head, Utility 20-35 lbs. 10.00-17.00 per head.

SHEEP 29: Choice 75-90 lbs. spring slaughter lambs 42.00-47.00, one small lot Good 60 lbs. at 34.00. Slaughter ewes 7.50-18.00.

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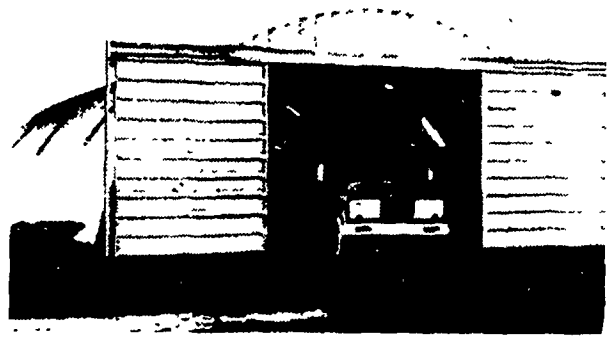

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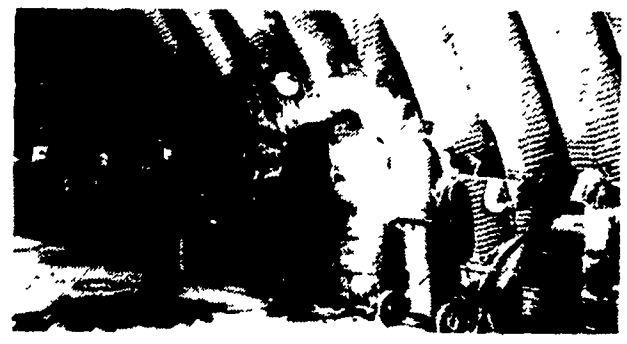

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Livestock market and auction news

Dewart Livestock

Dewart, Pa.
Monday, July 11
Report supplied by PDA

CATTLE 271. Choice 2-4 975-1350 lbs. slaughter steers 62.00-63.75, couple 66.00, Good 58.00-61.25, few 62.00, few Good holsteins 56.50-59.25, Standard 52.00-56.25. Choice slaughter heifers 59.50-63.50, one 66.25, Good 55.00-61.25, few Standard 49.50-52.00. Utility & Commercial slaughter cows 42.00-45.10, couple 50.25, Cutters 41.00-44.00, Canner & Low Cutters 38.00-41.00, Shells down to 36.50. Yield Grade #1 1000-1940 lbs. slaughter bulls 51.00-56.60.

CALVES 257. Individual Prime vealer at 106.00, Choice 84.00-95.00, Good 65.00-85.00, Standard & Good 70-105 lbs. 49.50-57.00, Utility 50-85 lbs. 38.50-50.00. FARM CALVES: Holstein Bulls 90-125 lbs. 60.00-97.00, mostly 75.00-90.00; Holstein Heifers 85-130 lbs. 60.00-80.00, couple 87.00.

HOGS 320. US No 1-2 210-235 lbs. barrows and gilts 47.00-48.20, lot 48.60, No. 1-3 220-250 lbs. 45.70-47.20, No. 2-3 270-290 lbs. 35.00-41.85, No. 1-3 190-198 lbs. 42.25-45.00. US No. 1-3 300-600 lbs. sows 32.00-34.75, couple 37.25. Few Boars 26.00-32.75.

FEEDER PIGS 238. US No. 1-3 20-40 lbs. feeder pigs 19.00-27.00 per head, No. 1-3 50-65 lbs. 31.00-33.00 per head, one lot 75 lbs. at 38.00 per head.

SHEEP 5. Few Good 60-115 lbs. spring slaughter lambs 50.00-55.00. Goats 19: Large 18.00-37.00 per head, Kids 10.00-17.00 per head.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, July 11
Report supplied by auction

Holstein Hfr. Calves to 75.00; Veal Calves 60.00-77.50; Vealer Bull Calves 65.00-80.00; Slaughter Calves 50.00-60.00; Grassers & Feeders 37.00-50.00; Lambs none; Sheep none; Hogs, 200 to 250 42.00-48.50; Sows 32.00-40.00; Boars 28.00-38.00; Pigs 15.00-46.00; Heifers 42.00-47.00; Steers no good steers; Steers, feeder 41.00-55.00; Bulls 46.00-55.00; Cows, utility 44.00-46.75; Cows, fat 41.00-45.00; Cows, medium 39.00-42.50; Cows, poor or small 35.00-41.00; Cattle market higher; Calf market steady; Horses none; Ponies to 105.00; Goats 9.00-43.00; Hay none; Straw none.

Remarks lean cows costing 95 to 100 dressed all beef higher.

Brucellosis free states

WASHINGTON, D.C. — Massachusetts has been designated free of cattle brucellosis under a new rating system of the cooperative state-federal program to control and wipe out the disease, a U.S. Department of Agriculture official reports.

"With the addition of Massachusetts, New England now represents a solid block of states free of brucellosis," said Billy Johnson, who directs the national brucellosis program for USDA's Animal and Plant Health Inspection Service.

Also rated brucellosis-free are Alaska, Connecticut, Delaware, Hawaii, Maine, Maryland, Michigan, New Hampshire, New York, North Dakota, Pennsylvania, Rhode Island, Utah, Vermont and the U.S. Virgin Islands.

Cattle brucellosis, sometimes called Bang's disease, can cause pregnant cows to abort or give birth to weak calves. Under the new, more stringent, rating system, states must go one year with no known infection to be classified free of brucellosis, Johnson said.

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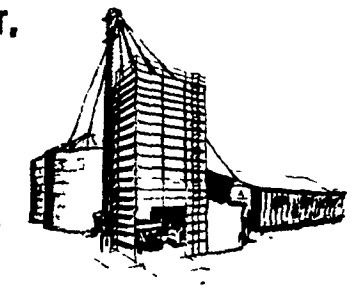

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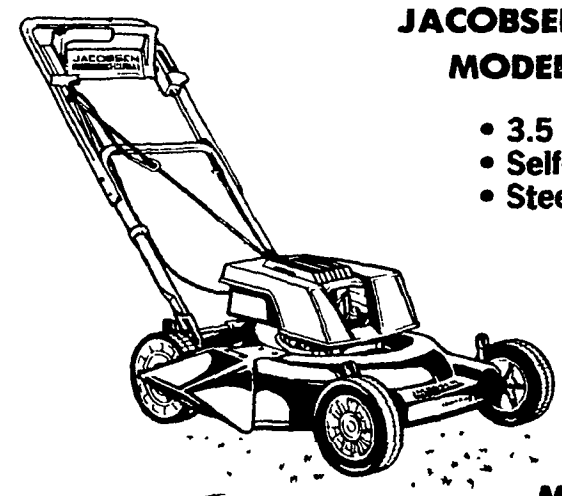

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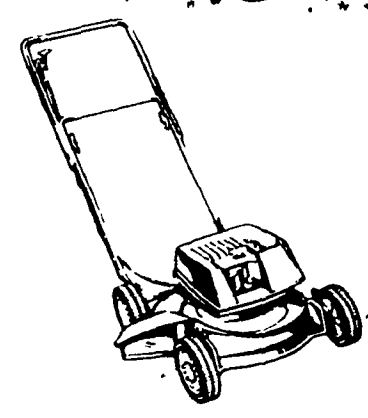

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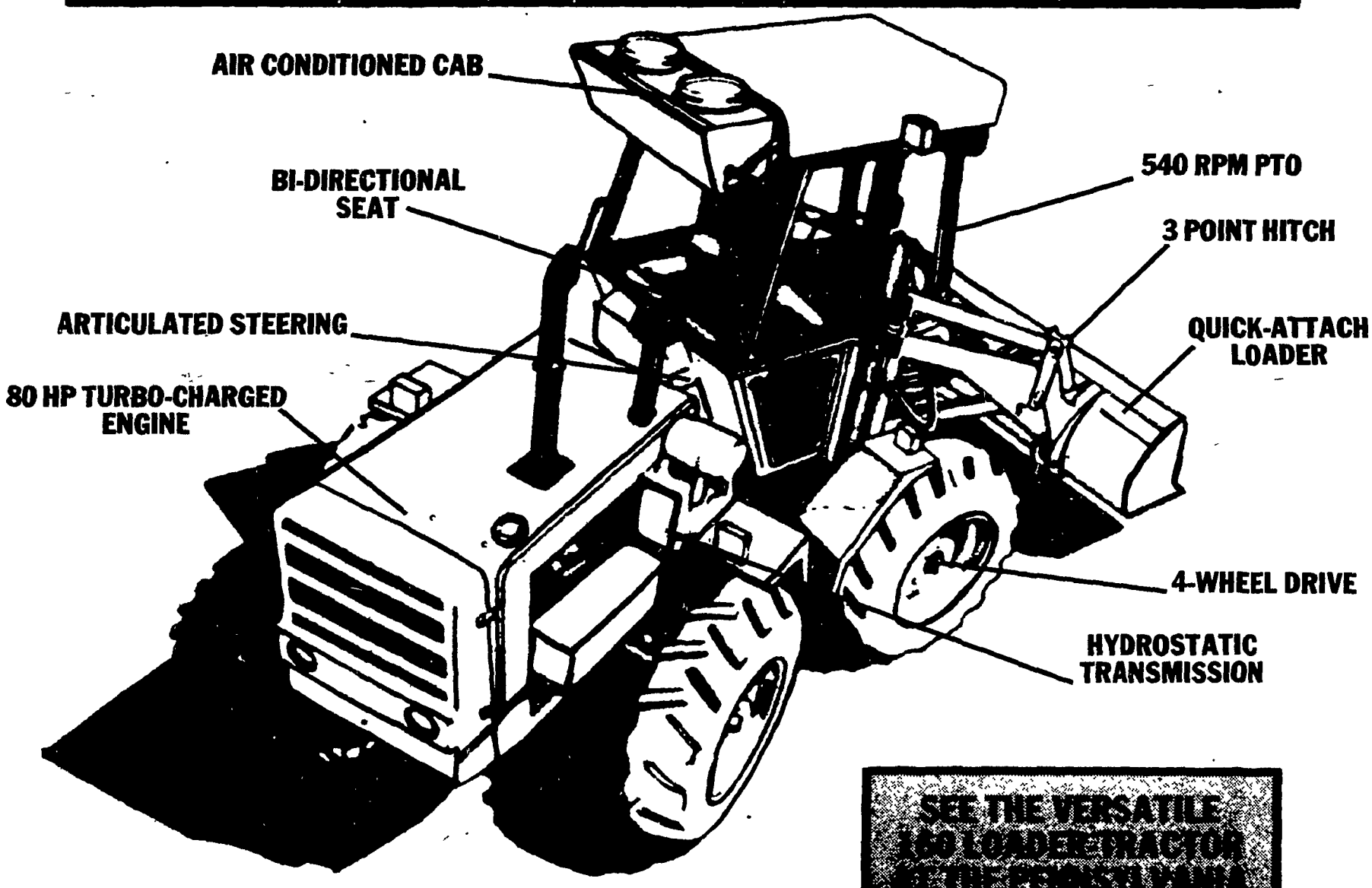

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Livestock market and auction news

G&M Livestock

Monday, July 11
Duncansville, Pa.
Report supplied by auction

SLAUGHTER CATTLE: Steers- Choice 62.00-65.25; Good 58.00-62.00; Standard 54.00-58.00; Utility 46.00-54.00. Heifers- Choice 61.00-63.35; Good 54.00-61.00; Standard 50.00-54.00; Utility 44.00-50.00. Cows- Choice 46.00-48.00, couple to 49.50; Good 42.00-46.00; Standard 40.00-42.00; Utility 38.00-40.00; Cutters 36.00-38.00; Canners down to 33.00. Bulls- 1200-1800 lbs. 52.00-60.35; 900-1100 lbs. 50.00-56.00.

FEEDER CATTLE: Steers- Choice 300-600 lbs. 48.00-58.00. Heifers- Choice 300-600 lbs. 46.00-54.00.

CALVES: Vealers Prime and High Choice 75.00-85.00; Good and Choice 60.00-75.00; Standard 45.00-60.00; Utility down to 35.00. Farm Calves- Holstein bulls 90-120 lbs. 80.00-98.00; Heifers 90-120 lbs. 70.00-102.50.

HOGS: Barrows and Gilts 200-240 lbs. 46.00-48.85; 170-300 lbs. 44.00-46.00; Sows 300-600 lbs. 32.00-38.50; Boars 26.00-32.00.

FEEDER PIGS: 25-35 lbs. 18.00-27.50 per head.

SHEEP: Slaughter lambs 66-90 lbs. 48.00-56.50; Ewes 12.00-22.00.

GOATS: 6.00-38.00.

Joliet Cattle

Thursday, July 14
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 2300; 4 days last week 2210; same period a year ago 3029. Trading slow on Monday; moderate on Wednesday. Slaughter Steers ended the week .50-1.50, instances 2.00 lower compared with Wednesday of last week. Slaughter Heifers ended the week .50-1.00, instances 1.50 lower.

SLAUGHTER STEERS: Mixed High Choice and Prime 3-4 1150-1300 lbs. 63.00-63.50, load 64.00 Monday. Choice 2-4 1050-1300 lbs. 61.50-63.00, with 1 load on Wednesday 63.50. Mixed Good and Choice 2-3 1000-1200 lbs. 59.00-61.50, mostly 60.00-61.50. Choice 2-3 1300-1700 lbs. Holsteins 56.50-58.50 Monday. Mixed Good and Choice 2 1200-1400 lbs. Holsteins 55.00-56.50 Monday; 54.00 Wednesday.

SLAUGHTER HEIFERS: Load Mixed Choice and Prime 3 few 4 1025 lbs. 63.00 Monday. Choice 2-4 900-1050 lbs. 60.50-62.50, mostly 61.00-62.00 Monday; 60.00-62.00 Wednesday. Mixed Good and Choice 2-3 850-1100 lbs. 59.00-60.50 Monday; 58.00-59.50 Wednesday.

New Holland Dairy

New Holland Sales Stables
Wednesday, July 13
Report supplied by auction

Reported receipts of 128 cows, 122 heifers, and 0 bulls.

Market steady.

Load of Pa. fresh cows, 810.00-1425.00. Load of Canadian fresh cows, 800.00-1150.00; springers 940.00-975.00. Load of PA cows, springers 950.00-1120.00. Load of Franklin Co. fresh cows, 675.00-1110.00. Load of Pa fresh cows, 635.00-1325.00. Load of NY fresh cows, 900.00-1285.00; springers 910.00-1125.00. Load of 22 Head-all stages cows, 450.00-1100.00. Load of springers 650.00-925.00.

Local purebreds 975.00-1150.00.

Locally consigned cows 420.00-1090.00.

Open heifers 275.00-460.00.

Tobacco comments requested

WASHINGTON, D.C. — The U.S. Department of Agriculture is seeking additional comments on a proposal to provide farmers official grading of U.S. type 31 burley tobacco offered for sale at auction when displayed untied on burlap sheets. Comments should be mailed not later than July 11.

Lioniel S. Edwards, a marketing official with USDA's Agricultural Marketing Service, said response to the proposed rule change announced May 25 has been slow, and USDA would like additional comments from tobacco producers and others before making a final rule decision.

Edwards said, "USDA decided to issue a new proposal for the upcoming marketing season because last year's decision to refuse official grading for this type of tobacco produced widespread protest by tobacco producers. Court rullings favoring proponents of united sheeted tobacco sales for the 1982-83 marketing season also were a factor in proposing the change."

Under the proposal, untied sheeted tobacco will be eligible for grading and price support for 1983-84 and succeeding seasons.

Edwards said the new rule, if adopted, will require bales to be placed lengthwise on the pallets for grading. Last year stems of the tobacco packed in bales had to face the aisle. This method of display was found to be unsatisfactory because it was difficult to inspect the lower portion of the lot.

Copies of the proposal, which appeared in the May 25 Federal Register, are available at many public libraries.

Comments and requests for further information should be sent to Lioniel Edwards, Tobacco Division, Room 502-Annex, AMS, USDA, Washington, D.C. 20250; telephone (202) 447-2567.

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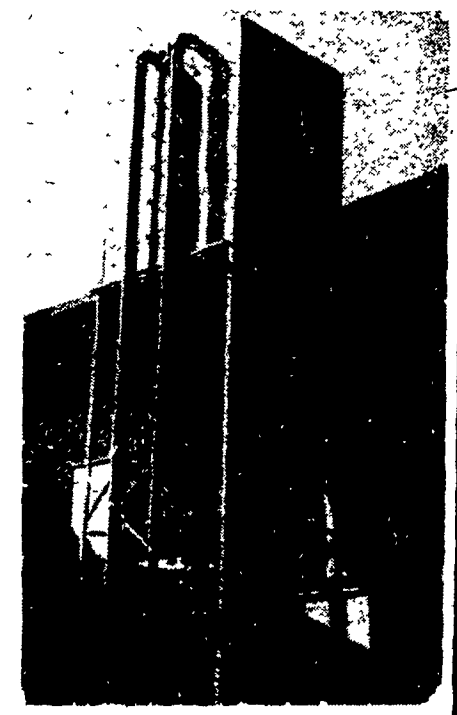

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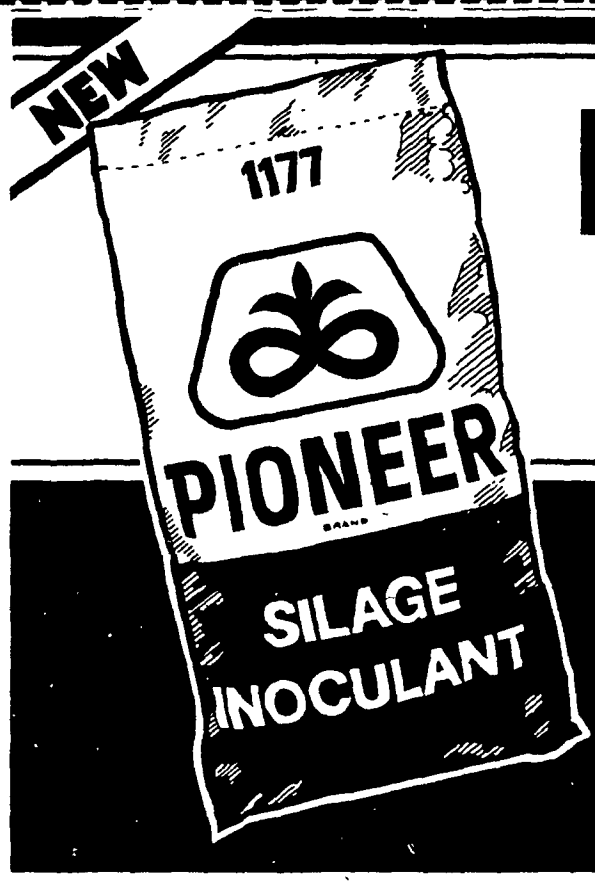

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Livestock market and auction news

Central U.S. Carlot

Wednesday, July 13
Report supplied by USDA

Compared to Tuesday's 4:00 report: Steer and Heifer carcasses steady. Demand and trading moderate although most activity was early. Packers firm on moderate supplies. The gross boxed beef carcass cut-out value declined $1.59 to an estimated $102.74 per cwt.

Sales reported on 81 loads of steer and heifer carcasses.

STEER BEEF
52 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 98.00, steady.

Choice 4 600-900 lbs. 89.00-90.00.

Good 2-3 600-900 lbs. 91.00-92.00, mostly 92.00, mostly steady.

Good 2 & Low 3 600-700 lbs. 92.00-92.50 (late Tuesday).

Choice 2-3 600-900 lbs. 90.00-91.00, *mostly 91.00 (Hols) steady.*

FOB Amarillo Basis

Good 2-3 600-900 lbs. 92.00.

HEIFER BEEF
29 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 96.00, steady; 500-550 lbs. 94.00, steady.

Choice 2 400-500 lbs. 92.00, steady.

Choice 4 500-700 lbs. 89.00.

Good 2-3 550-700 lbs. 90.00, steady.

Good 2-3 500-550 lbs. 85.00.

FOB Amarillo Basis

Good 2-3 550-700 lbs. 90.00.

COW BEEF
9 Loads
FOB Omaha Basis

Prices $3.00 to $4.00 lower than last week. Demand light.

Bng Utlty 2-3 400 & up lbs. 76.00-77.00 MW.

FOB Amarillo Basis

Bng Utlty 2-3 400 & up lbs. 76.50-77.50 West

BULL BEEF
2 Loads
FOB Omaha Basis

Bull 1-2 500-700 lbs. 90.00

PRIMAL BEEF CUTS
1½ Loads
FOB Omaha Basis

Choice 3: Fores 130-210 lbs. 85.00.

Good & Choice 2-3: Short Plates 50.00.

BONELESS PROCESSING/ BEEF TRIMMINGS
70 Loads
FOB Omaha Basis

90% Chem Lean Fresh 112.00, late 109.00-112.00.

50% Chem Lean Fresh 45.00-47.00, late 45.00.

FOB Amarillo Basis

90% Chem Lean Fresh 112.00.

90% Chem Lean Frozen 113.00.

85% Chem Lean Fresh 104.50.

50% Chem Lean Fresh 47.00.

Compared to Tuesday's 4:00 report: Fresh pork cut demand and supply moderate. Trading active on Hams and Bellies. Loins steady to $3.00 higher except 22 & up lbs. generally steady. Skinned Hams steady to $1.00 lower. Bellies steady to $2.50 higher.

Sales reported on 40 loads plus 7 loads of trimmings.

FRESH PORK CUTS

LOINS: (Regular) - 14-17 lbs. 102.00-104.00, steady-2.00 higher; 22 & up lbs. 75.00-77.00, generally steady. (Retail Trim) 14-17 lbs. 108.00-111.00, 1.00-3.00 higher; 14-17 lbs. 113.00 short cut, steady.

BOSTON BUTTS: 4-8 lbs. 78.50-79.00, 8 & up lbs. 58.00, mixed fresh & frozen.

SPARERIBS: 3.5-5.5 lbs. 108.00 frozen.

HAMS (Skinned): 14-17 lbs. 62.00, steady; 17-20 lbs. 60.00-61.00, 1.00 lower.

BELLIES: (Sdls, Skin On): 12-14 lbs. 55.00, steady; 14-16 lbs. 57.50, 2.50 higher; 16-18 lbs. 51.00-52.00, no comparison; 18-20 lbs 47.00-48.00, no comparison; 20-25 lbs. 43.00, no comparison.

BNLS CT BUTT: 1.5-3 lbs. 118.00.

BONELESS PROCESSING/ PORK TRIMMINGS
(Chemical Lean)

42% Lean Trimmings Fresh 35.00.

72% Lean Trimmings Fresh 63.00-65.00.

Belleville Auction

Belleville, Pa.
Wednesday, July 13
Report supplied by PDA

CATTLE 125: Compared with last Wednesday's market: Couple Good slaughter steers at 58.00, couple Standard 55.60 & 56.00. Individual Good slaughter heifer at 59.35. Utility and Commercial slaugher cows 42.75-46.35, few Beef Breed 52.00, Cutters 40.50-43.00, Canner and Low Cutters 38.00-40.50, Shells down to 26.25. Few Yield Grade #1 1200-1865 lbs. slaughter bulls 51.25-57.75, individual #2 1180 lbs. at 48.25.

CALVES 189: Few Good vealers 61.00-63.00, Standard and Good 70-100 lbs. 43.00-51.00, Utility 60-85 lbs. 35.00-43.00. Farm Calves: Holstein Bulls 90-125 lbs. 52.00-85.00, mostly 65.00-80.00; Few Holstein Heifers 90-150 lbs. 71.00-81.00.

HOGS 120: Few Lots US No. 1-2 210-245 lbs. barrows and gilts 46.75-48.00, No. 1-3 205-245 lbs. 45.85-47.50, one lot No. 1-3 197 lbs. at 43.35. Few US No. 1-3 416-645 lbs. sows 27.50-32.00. Few Boars 25.00-37.00.

FEEDER PIGS 404: US No. 1-3 20-35 lbs. feeder pigs 16.00-22.50 per head, No. 1-3 35-55 lbs. 20.00-26.50 per head.

SHEEP 27: Choice 70-90 lbs. spring slaughter lambs 56.00-59.50, few Good 50-100 lbs. 48.00-54.00. Few Slaughter ewes 11.50-38.00. GOATS 20: Large 24.00-58.00 per head, few Kids 7.00-21.00 per head. HOLSTEIN DAIRY COWS 600.00-1025.00 per head.

Penns Valley Livestock

Centre Hall, Pa.
Friday, July 12
Report supplied by auction

Beef Cows: Utility and Commercial 43.10-42.26; Cutters 39.00-42.70; Canners 35.10-38.75; Shells 33.00.

Heifers: Standard 52.50-56.35; Commercial 41.00-49.50.

Steers: Good 54.00-59.85; Standard 50.25-53.35.

Bulls: Good 52.50-56.85; Standard 49.00-51.35.

Veal Calves: Choice 79.00-88.00; Good 64.00-77.00; Standard 55.00-63.00; Utility 43.00-53.00.

Farm Calves: Bulls 72.00-90.00; Heifers 65.00-77.00.

Hogs: 45.25-48.00.

Shoats: 25-30 lbs. per head 14.00-18.00; 30-35 lbs. per head 16.00-24.00.

Goats: 16.00-38.50.

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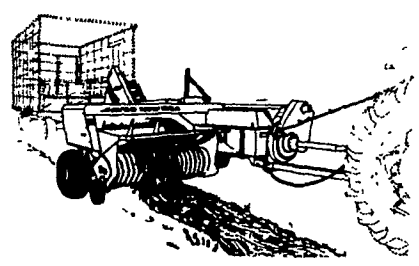

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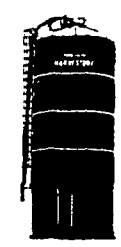

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Livestock market

Indiana Auction

Homer City, Pa.
Thursday, July 14
Report supplied by PDA

CATTLE: 113. Compared with last week's market: cows .50-1.00 lower. Sl. steers (few) Good & Choice 54.00-58.00; (few) Standard 52.00-54.50. Sl. heifers one Choice at 58.00; (few) Standard & Good 50.00-55.00; Utility 45.00-49.00. Sl. cows: Utility & Commercial 44.00-47.00; Cutters 40.50-44.50; Canner & L. Cutter 33.00-41.00; Shells down to 24.00. Sl. bulls: (few) Yield Grade No. 1, 1000-1600 lbs. 52.00-55.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 400-800 lbs. 50.00-58.00. Heifers, (few) Medium Frame No. 1, 350-600 lbs. 46.00-50.00.

CALVES: 163. (few) Choice 69.50-85.00; Good 60.00-70.00; 90-110 lbs. 54.00-64.00; 60-85 lbs. 48.00-56.00; Utility 60-80 lbs. 38.00-45.00.

FARM CALVES: Hol. Bulls 68.00-85.00; few Hol. Heifers 70.00-91.00.

HOGS: 97. US No. 1-2 48.00-48.75; No. 1-3 47.00-47.75; few No. 2-3 at 45.00; few No. 1-3 170 lbs. at 46.00; Sows US No. 1-3 350-500 lbs. 30.00-33.50; few No. 2-3 400-600 lbs. 30.00-31.50. (few) Boars 27.00-29.00.

FEEDER PIGS 27. US No. 1-3 30-35 lbs. 22.00-29.00 per head; No. 1-3 40-55 lbs. 29.00-39.00. (few) Utility 20 lbs. at 18.00.

SHEEP: 45. lot Choice 95 lbs. at 57.50; Good 70-80 lbs. 45.50-50.00. Sl. sheep: 15.00-21.50.

GOATS: 3. 20.00-34.00 per head.

Westminster Livestock Auction

Westminster, Md.
Tuesday, July 12
Report supplied by auction

BUTCHER COWS: Steady prices. High Yield 45.00-46.00; Standard & Utility 41.00-45.00; Canners 38.00-41.00; Shelly 38.00 down. Slaughter Bulls- One 1185 lb. at 49.75. Fed Steers- Choice 61.00-63.50; Good 58.00-60.00. Fed Heifers- Good Holsteins to 52.00; Commercial 45.00-48.00.

BUTCHER HOGS: Higher prices, good demand. US #1&2 215-240 lb. to 47.25. US 1&3 220-260 lb. 46.00-46.75. Sows- 2.00 higher, over 500 lb. 35.00-36.00; 300-450 lb. 30.00-32.00.

VEAL CALVES: No Choice offered. Good 65.00-73.00; 55.00-65.00. Killers 80-100 lb. 45.00-50.00; Weak & Rough 45.00 down.

CALVES RETURNED TO FARM: Holstein Heifers- few 100 lb. to 79.00. Holstein Bulls- Bulk 95-120 lb. 60.00-80.00, few to 89.00.

LAMBS: Feeders 48-65 lb. 31.00-40.00, one to 49.00. Goats- 37.00-53.00. Kids- 9.00-25.00.

STOCK CATTLE: Light run. Steers- Few Good beef type 400-650 lb. 57.00-64.50. Heifers- Few Good 46.00-50.00. Bulls- Medium 400-800 lb. 44.00-48.00, one to 54.50.

PIGS AND SHOATS: Smaller run, higher prices. By the Head- 15-30 lb. 15.00-25.00; 30-60 lb. 24.00-34.00. By the Lb.- Stock Boars 250-290 lb. 30.50-35.50.

Chambersburg Auction

Chambersburg, Pa.
Thursday, July 14
Report supplied by PDA

CATTLE: 246. Sl. steers: (few) Choice NO. 2-4, 1040-1110 lbs. 60.00-61.25; Good 56.00-58.75; Good holsteins 56.00-57.75; Standard 48.75-55.25. Sl. heifers: (few) Good 55.25-58.00. Sl. cows: Utility & Commercial 44.85-45.85, few 48.75; Cutters 40.50-43.00; Canner & L. Cutter 37.50-41.00; Shells down to 30.00. Sl. bulls: (few) Yield Grade No. 1, 1070-1750 lbs. 49.75-55.85.

FEEDER CATTLE: Heifers, (few) Medium Frame No. 1, 470-560 lbs. 48.50-53.50.

CALVES: 459. (few) Choice 75.00-80.00; Good 60.00-70.00; Standard & Good 75-110 lbs. 40.00-47.00; Utility 50-85 lbs. 10.00-35.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 48.00-81.00, mostly 60.00-75.00; Hol. Heifers 80-165 lbs. 42.00-65.00.

HOGS: 50. one lot US No. 1-2 210 lbs. at 47.85; Sows (few) US No. 1-3 300-520 lbs. 30.00-33.25. (few) Boars 29.25.

FEEDER PIGS 40. (few) lots US No. 1-3 20-35 lbs. 15.00-25.00 per head.

SHEEP: 17. one lot Good 50 lbs. at 45.00. (few) Sl. ewes: 13.00-24.00.

Greencastle Livestock

Greencastle, Pa.
Monday, July 11
Report supplied by auction

CATTLE: Butcher Steers, Choice 62.00-65.35; Medium-Good, 55.00-62.50; Butcher Heifers, Choice up to 60.50, Medium-Good 45.00-59.50; Butcher Cows, Utility-Good 42.00-46.00, few to 47.50; Canners and Cutters 39.00-45.00, Shells down to 35.00; Butcher Bulls, Medium-Good 48.00-58.75; Stock Steers, Medium-Good up to 65.00; Stock Heifers, Medium-Good up to 49.00.

CALVES: Good Calves, 160-220 lbs. 65.00-80.00; 125-160 lbs. 55.00-75.00, 100-120 lbs. 50.00-70.00, 80-100 lbs. 45.00-60.00; Holstein Bull Calves up to 92.00; Holstein Heifer Calves up to 85.00; Light and Green calves down to 30.00.

SHEEP and LAMBS: Medium-Good Lambs 45.00-52.00.

HOGS: Good-Choice Butcher Hogs 190-225 lbs. 44.00-47.85, 225-250 lbs. 46.00-47.50; Good-Choice Butcher Sows 400 lbs. down up to 33.00, 400 lbs. up, up to 33.50; Heavy Boars up to 30.00; Pigs per head 14.50-26.00.

Sale every Monday 6:30 P.M.

(Turn to Page A23)

PA. RETAIL PRODUCE

Farm Market Fruit & Vegetable Hotline

Monday, July 11
Report supplied by PDA

LODI APPLES: 2.20 ½ peck; 3.00 peck; 5.00 ½ bushel.
APRICOTS: 1.10 lb.; 1.25 pt.
ASPARAGUS: .99 6 oz.
YELLOW SNAP BEANS: .75 lb.
GREEN SNAP BEANS: .70 lb.; 1.39 ¼ peck; 2.25 ½ peck.
BLUEBERRIES: 1.10 pint; PYO .75 lb.
RED RASPBERRIES: 1.50 pint; 2.25 qt.; PYO 1.10 lb.
BROCCOLI: .79 lb.
RED BEETS: .59 bunch.
CABBAGE: .18 lb.
SWEET CORN: 2.25 dozen
CUCUMBERS: 3/1.00.
CAULIFLOUR: .79 head.
CANTELOPES: .89-1.25 according to size.
CIDER: 2.50 gallon.
YELLOW SWEET CHERRIES: 1.65 qt.
BLACK SWEET CHERRIES: 1.00 pt.; 1.60 qt.; 1.25 lb.
TART CHERRIES: 1.70 qt.; PYO .65 lb.
HONEY: 1.75 lb.
LEAF LETTUCE: .55 lb.
HEAD LETTUCE: .79 head.
ONIONS: 10 for .30.
PARSLEY: .29 bunch.
CLING PEACHES: ranging from .79-1.65 qt.; averaging 1.25.
SHELL PEAS: .70 lb.
SUGAR PEAS: 1.69 qt.; .75 lb.
NEW POTATOES: .40 lb.; .79 qt.
PEPPERS: .25 each.
RADISHES: .35 bunch.
RHUBARB: .50 bunch.
ZUCCHINI SQUASH: .49 lb.
SPINACH: .89 lb.; .99 ¼ peck.
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HYDROPONIC TOMATOES: 1.69 lb.
SWISS CHARD: .89 lb.

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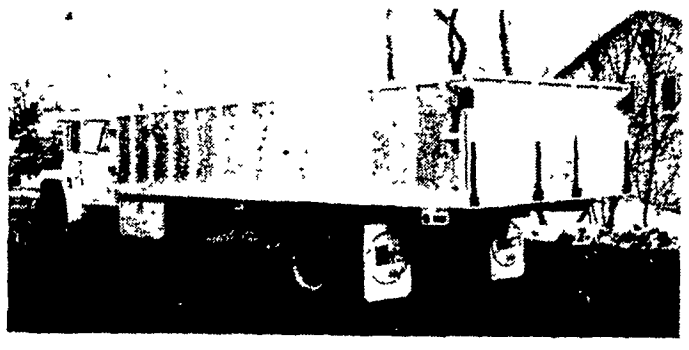

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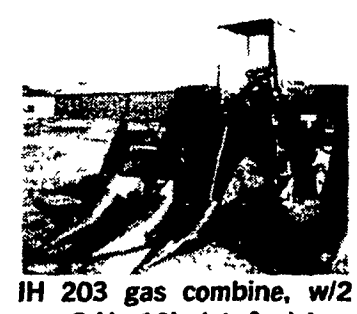
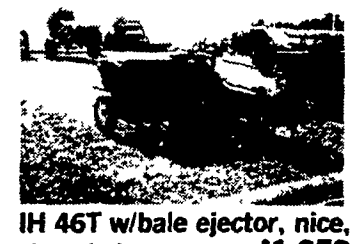


IH 203 gas combine, w/2 row C.H., 10' plat. & pickup reel..... $3,950

MF #12 baler w/bale ejector & hyd. control, real sharp $1,350



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SPERRY NEW HOLLAND

Church group opposes Narvon dump

NARVON — In response to the petition of the Session of the Cedar Grove Presbyterian Church, East Earl, regarding the proposed conversion of the Narvon Mine into a hazardous waste disposla facility, the Presbytery of Donegal hereby expresses its opposition to the establishment of such a facility.

A harzardous waste facility in eastern Lancaster County would present the community with potential medical problems and economic hardship, and would threaten the agricultural character of the community.

As Christians we are concerned with stewardship, which asks how well we have watched over that which God has placed in our care. We maintain that when we poison the earth, rendering it useless for future generations, we have not well cared for it.

We see in this matter a concern larger than one of "We don't want it here - put it somewhere else." This issue calls into question the whole matter of the production of products and materials whose by-products require the poisoning of the earth. If the costs of disposing of these products by any means other than simply dumping them into the ground is too high, then the cost of the products themselves is too high. Therefore we call for intensive efforts on the parts of govenment and industry to find suitable alternatives to dumping, and to establish economic incentives for the use of such alternatives as presently exist.

The Presbytery of Donegal opposes the whole concept of hazardous waste dumping, wherever it might occur. We applaud the recent action of the Department of Environmental Resources denying the use of the Narvon mine in such a manner. We call upon all citizens and local, state, and federal governmental authorities to recognize the continuing dangers of hazardous waste dumping in our communities.

Cambria wins conservation award

AKRON, Oh. — Cambria Conservation District won top honors among the Pennsylvama districts competing in the 36th annual Goodyear Conservation Awards Program.

Bradford Conservation District was the runner-up in the competition sponsored by The Goodyear Tire & Rubber Company in cooperation with the National Association of Conservation Districts (NACD).

The winning districts were selected for their achievements in resource conservation and development by a committee of state agricultural leaders, according to Ray Oviatt, awards program director.

Richard A. Bender, Carrolltown, chosen by the first-place district as its outstanding cooperator, and a district board member will represent Cambria CD in December on the grand prize tour, an expenses-paid, vacation-study tour to the Wigwam resort and Goodyear Farms, Litchfield Park, Ariz. They will be joined by representatives of 52 other winning districts from throughout the United States.

Plaques also will be presented to the top district and to the runner-up district at a meeting of the Pennsylvania Association of Conservation District Directors, Inc. In addition, outstanding cooperators with all participating districts will be honored.

Outstanding cooperators with Bradford CD and Robert and Dale Tillinghast, Gillett.

Northumberland post to Temple

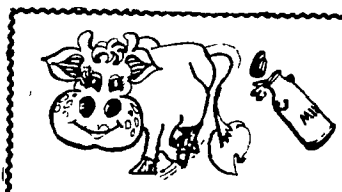
SUNBURY — Dr. James W. Temple, D.V.M., has been appointed to serve on the Executive Committee of Northumberland County Agricultural Extension Association, according to Leonard G. Yearick, County extension Director. This committee advises and assists the Penn State Cooperative Extension staff assigned to Northumberland County.

Dr. Temple began his agricultural oriented career on his parents home farm in Michigan where he experienced being a 4-H club member with livestock projects.

He received his Bachelor of Science degree in Animal Husbandry in 1969 and his Doctor of Veterinary Medicine in 1971 at Michigan State University at East Lancing.

Dr. Temple has been associated with the Sunbury Animal Hospital since completing his veterinary training. He resides at R2 Sunbury with his wife, Katherine Braun Temple, and their two sons, Jeff and Andrew.

Dr. James Temple



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Establishing a stand

Forage spokesman Joe Hartle on production

BY TRISH WILLIAMS

BELLEFONTE — To most dairymen forage crop production provides a means to feed their cattle. To Joe Hartle, Centre County dairyman, forage production is more than a means to an end, it is a vocation he pursues with a yearning for perfection.

Hartle's desire for constant improvement in the quality of forage he feeds his cattle led to his involvement in crop and grassland organizations. Skillful application of the knowledge he has gleaned through such organizational work has earned him high yields in the field and in the milk tank.

His croppping practices and high yields earned him the title of Grasslander of the Decade in 1980, an award presented by the Pennsylvania Forage and Grassland Council. Hartle is a member of the Council as well as the Centre County Crop Association, and he is a strong advocate of both. Hartle's personal efforts to advance forage production practices among his fellow farmers through these technical trade organizations, won him recognition as the Grasslands Council's 'Outstanding Forage Spokesman', an annual award that was presented to him last November.

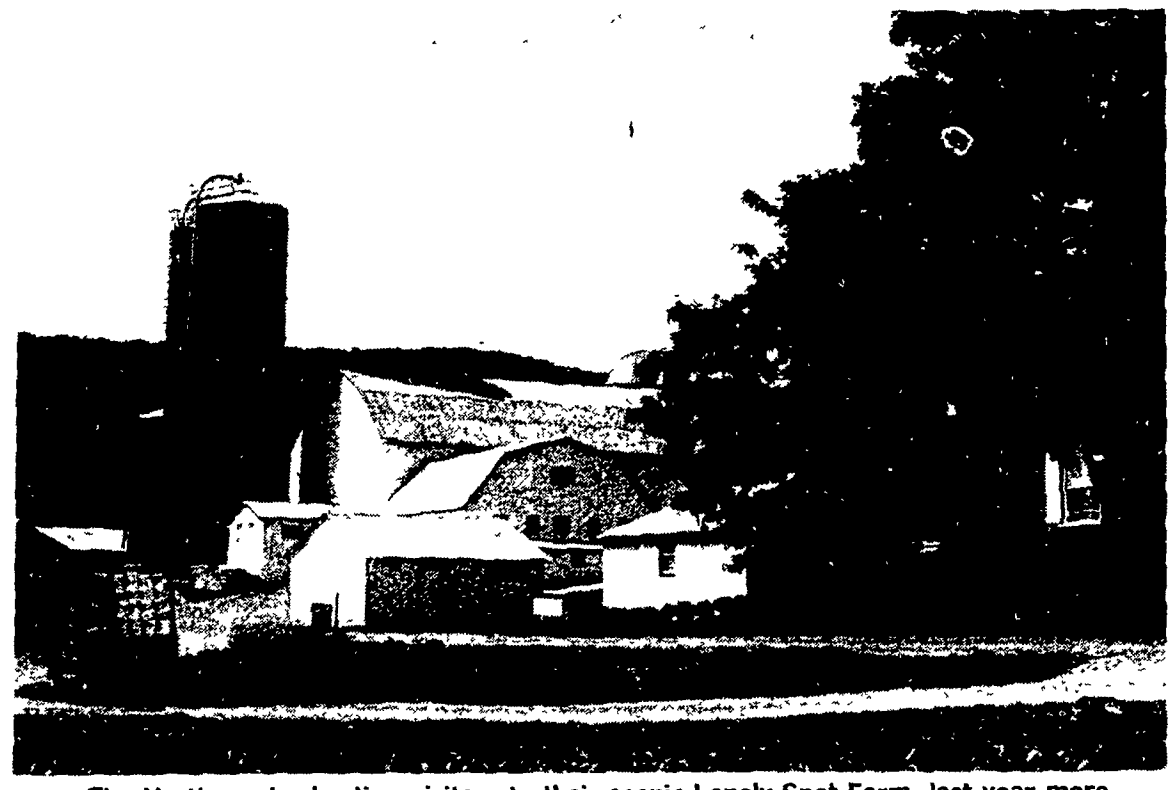
Hartle is a Centre County native, who grew up on a farm just three miles from his present day 'Lonely Spot Farm'. After graduating from high school he took a short course at Penn State to become a DHIA supervisor, a job that he worked at for one year. Then his father bought a jug milk operation in Bellefonte, and Joe went to work with his father in the retail milk business for a period of five years.

In 1956 Joe and his wife Gladys purchased their Lonely Spot Farm, a gracious farm nestled in the valley between State College and Bellefonte along Buffalo Run. They began farming the next year, working hard to learn the productive characteristics of the farm and improve on them.

Since that time the farm has flourished. The Hartle's five children, Linda, Janet, Debbie, Betsy, and Tom, all shared the responsibility of caring for the dairy herd while growing up. All five were active in the local 4-H dairy club, a club that Hartle has served as a leader for the last 29 years. The four girls have all moved away from the farm, in career pursuits. Tom is working on the farm with his parents, but not today. Today Tom is being married to Lorie Schall. The newly weds are working to renovate a farmhouse on the adjoining farm, purchased by Hartle in 1969.

Tom works primarily with the dairy herd, and is in charge of the breeding program. The herd consists of 145 registered Holsteins, with 72 cows in the milking string, and the rest in replacement heifers. The Lonely Spot herd has a rolling herd average of 21,700 pounds of milk with a 3.7 percent test, and 810 pounds of fat. Good breeding and feeding has maintained the fat average for the herd over 800 pounds for the last three years.

Lonely Spot Cavalier Fluke, a home bred six-month-old heifer calf, topped the 1982 Pennsylvania state calf sale, selling for $5,700. Tom selects high PD bulls and uses only proven bulls in the Lonely Spot breeding program. Merchandising breeding stock is a source of farm income. Each year some of the better bull calves are raised to sell later as pasture bulls, and according to the replacement needs of the milking herd heifer calves are sold. Two heifers have been consigned to sell in the Ag Progress Sale. The sale is put on by the Centre and Mifflin County Holstein Club and will be held August 23 at the Centre County fairgrounds in Centre Hall.



The Hartles enjoy hosting visitors to their scenic Lonely Spot Farm, last year more than 1500 visitors signed Hartle's guest book. Like a clean restaurant, Hartle believes a well maintained farm and clean dairy is good milk promotion.

This new heifer facility makes feeding forage easy and allows segregation by age group as well as daily observation.

Converting the 22 percent protein haylage into 3.7 test milk is the job of Hartle's herd of 72 registered Holsteins.

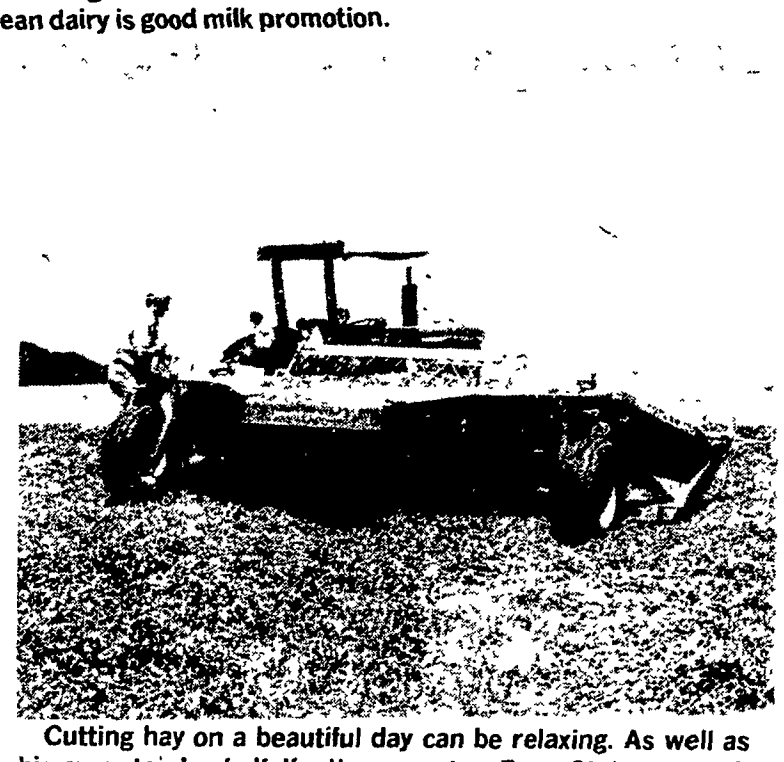
"Forage is the backbone of our feeding program," says Hartle. "We don't feed grain heavily, I have found that the most economical way to get protein into the cows is to feed them high quality home grown forage."

Since Tom has grown into the partnership, a division of labor and expertise allows Hartle to concentrate on crop production. Including some rented ground, the Hartle's farm 310 acres. This year 115 acres are in corn, 112 acres of established alfalfa stands, 22 acres are new spring seedings of alfalfa, 20 acres are a grass mix of brome and timothy for dry cows and heifers, 22 acres of oats, 8 acres of wheat and the remainder is in pastureland.

Hartle, a very personable man, enjoys visiting with other farmers, and for the last nine years has worked part-time as a Dekalb Seed dealer. Looking toward his retirement, Hartle plans to continue to sell seed after he relinquishes his farming duties. So naturally he plants only Dekalb seed.

"We establish our new alfalfa seedings by direct seeding 15 pounds of alfalfa seed, along with two to four pounds of a bromegrass-timothy mix, on a per acre basis. After the stand is established, depending on the field it will result in a stand that runs about 90 percent alfalfa and 10 percent grass," explains Hartle. "About one-third of our alfalfa seedings are put in during August following oats. The other two-thirds is seeded in the spring on ground that was in corn the year before."

"From a new spring seeding we will generally take two cuttings off the first year," Hartle continued. "Average production the first year is three to four tons of dry hay per acre. An established stand with good rainfall will yield us four cuttings and an average of six to seven tons of dry hay per acre. But we generally put the first cutting of hay in the Harvestore as haylage. We try to fill our two 20 X 80 Harvestores according to the weather and then we bale the rest in conventional bales."



Cutting hay on a beautiful day can be relaxing. As well as his own stands of alfalfa, there are two Penn State research plots on the farm.

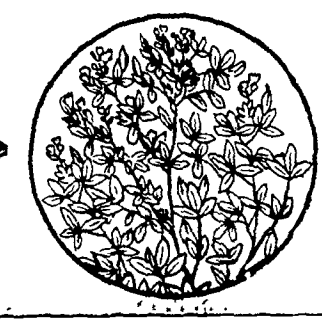
When it comes to questions about forage production facts and figures, Hartle has all the answers, and they are all arranged neatly in a crop production notebook. As treasurer of the Centre County Crop Improvement Association since its inception in 1979, Hartle has enjoyed a mutually beneficial working relationship with the Association.

Hartle likens the Crop Association to the DHIA, in that it is financed totally by its members with a $3 per acre charge, and it calls on the technical expertise of Extension and Penn State agronomy specialists. The first of its kind in the state, member enrollment has grown to 60. There are now eight other similar organizations throughout Pennsylvania.

Two full time technicians work year round to serve the members. Their responsibilities to the members include, taking soil samples, making periodic checks for weed and insect infestations, and reporting data back. Presently, alfalfa fields are being swept every 10 days for leafhopper by the technicians.

On individual field record sheets, Hartle records data on: seeding dates, rates and costs; crop variety; fertilizer and lime application rates and costs; pesticide application rates and costs; population; and yield, as well a noting any comments on weather or problems. The association takes this data and returns a computer printout to him with all the cost factors and returns. This provides Hartle and other members with a production profile for each field.

Forage analysis data used in conjunction with this forage production data takes the guess work out of Hartle's cropping operation. Wise use of this information allows him to keep production costs low and efficiency high. Hartle, a Master Farmer in 1979, has through the years cultivated superior management abilities and altruistic qualities that now enable him to assist other farmers and to be an Outstanding Forage Spokesman.



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Nu-Pulse post

LITITZ — Curtis L. Cassady, 519 Golden St., Lititz, has been named *district sales manager* for Nu-Pulse America, Inc. His district covers Pennsylvania, New Jersey, Delaware, Maryland and Eastern Ohio.

Sales manager for Keystone Nu-Pulse, of Cochranville, local distributor, Cassady is originally from New England and has been employed in agricultural sales for the past two decades.

Nu-Pulse America, Inc., headquartered in Jamesville, Wisc., was known as Americas International until recently. It is the worldwide distributor for Bodmin Nu-Pulse milking equipment.

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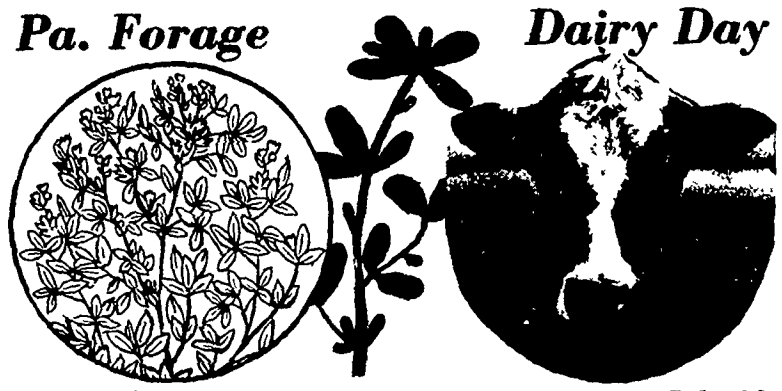

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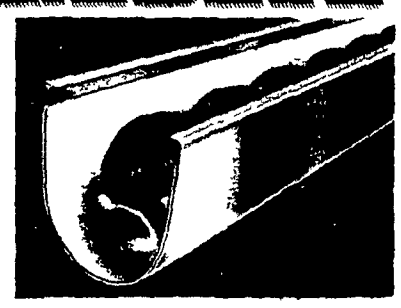

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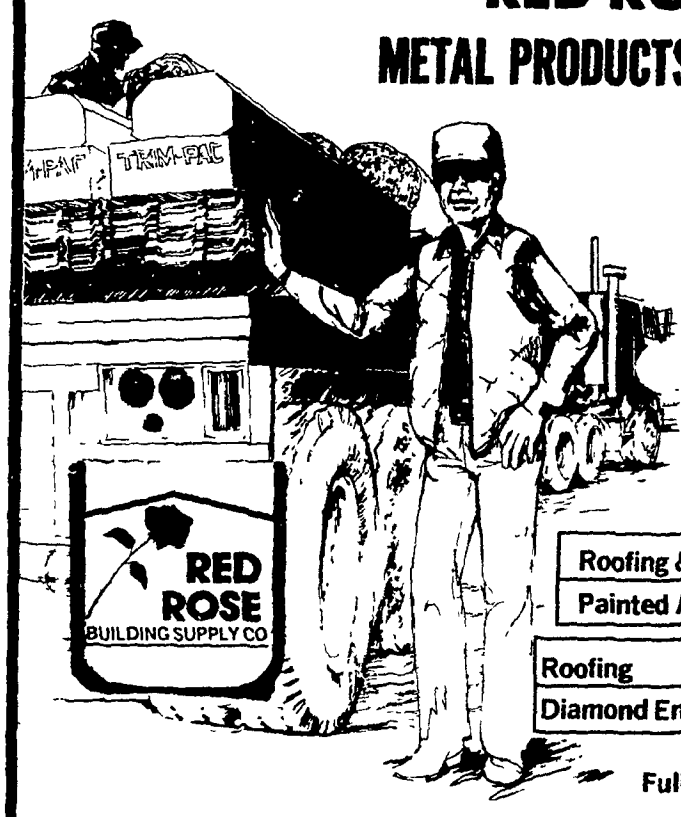

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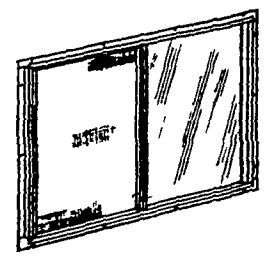

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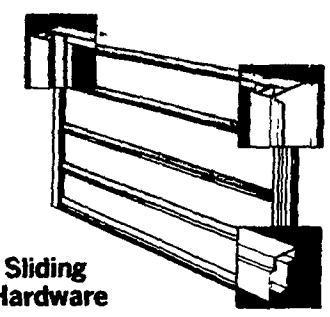

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Weekly Summary

Friday, July 15
Report supplied by PDA

MARKETS: 16.

CATTLE: 7450. Compared with 5710 head last week, and 7456 head a year ago. Compared with last week's market: Slaughter steery 1.00-2.00 lower; Sl. heifers uneven; Sl. cows mostly steady to 1.00 lower; Sl. bulls weak to 1.00 lower. Sl. steers: High Choice & Prime No. 3-4, 63.00-64.85; Choice NO. 2-4, 60.00-64.10; Good 56.00-61.50; Standard 50.00-56.00. Sl. heifers; Choice 59.00-63.50, few 52.00-59.50; Standard 49.00-52.75. Sl. cows: Utility & Commercial 42.00-48.25; Cutters 40.50-44.75, few to 45.50; Canner & L. Cutter 37.00-41.00, few down to 32.00; Shells down to 22.00. Sl. bullocks; (few) Choice 56.50-62.85; Good 52.00-57.60. Sl. bulls: Yield Grade No. 1, 1000-2175 lbs. 50.00-57.60, few to 59.85; Grade No. 2, 900-1500 lbs. 47.00-54.00.

FEEDER CATTLE: Steers, Medium & Large Farme No. 1, 350-800 lbs. 50.00-62.50. Heifers, Medium & Large Frame No. 1, 350-600 lbs. 45.00-54.00. Bulls, Medium & Large Frame No. 1, 300-900 lbs. 48.00-58.00.

CALVES: 4569. Compared with 3352 head last week and 4533 head a year ago. Vealers grading Good & Choice steady to 5.00 higher, Standard & Good mostly 1.00-4.00 lower. (few) Prime 90.00-130.00; Choice 80.00-95.00; Good 60.00-78.00; 110-130 lbs. 55.0-80.00; 90-110 lbs. 45.00-62.00; 65-90 lbs. 40.00-52.00; Utility 50-100 lbs. 30.00-42.00.

FARM CALVES: Hol. Bulls 85-125 lbs. 48.00-100.00, mostly 60.00-90.00; Hol. Heifers 85-150 lbs. 42.00-112.00, mostly 56.00-90.00.

HOGS: 7371. Compared with 2185 head last week 6846 head a year ago. Barrows and gilts stronger to 1.00 higher, US No. 1-2 200-245 lbs. 46.75-49.50 No. 1-3 200-250 lbs. 46.00-47.75; No. 2-3 200-280 lbs. 44.00-46.50; No. 1-3 140-190 lbs. 38.00-45.00; Sows 1.00-1.50 lower. US No. 1-3 300-575 lbs. 30.00-35.00; No. 2-3 300-650 lbs. 29.00-31.50. Boars 25.00-32.00.

FEEDER PIGS 1556. Compared with 958 head last week and 1206 a year ago. 1.00-3.00 lower. US No. 1-3 20-35 lbs. 14.00-27.00 per head; No. 1-3 35-50 lbs. 22.00-39.00, few 50-80 lbs. 29.00-41.50 per head.

SHEEP: 1068. Compared with 252 head last week and 1132 head a year ago. Spring lambs uneven mostly steady to 3.00 higher. Choice 80-110 lbs. 52.00-60.00, few to 68.00; Good 40-100 lbs. 40.00-55.00. Sl sheep: 750. 22.00, few to 30.00.

3 GRADED FEEDER PIG SALES: 2158. Compared with 2110 head last week, and 1787 head a year ago. All sales by CWT. Feeder Pigs 5.00-20.00 lower, spots 25.00 lower. US No. 1-2 25-40 lbs. 50.00-82.00, 40-50 lbs. 42.00-74.00, 50-60 lbs. 50.00-67.00, 60-70 lbs. 49.00-59.00; US No. 2-3 30-50 lbs. 42.00-68.00.

New Holland Horse

New Holland Sales Stables
Monday, July 11
Report supplied by auction

Reported receipts of 194 head of horses, mules, and ponies. Market: stronger.

Load of Driving singles 375.00-1075.00. Load of Riding singles 375.00-425.00.

Better horses 475.00-860.00

Lightweight killers 300.00-400.00; Heavyweight killers 450.00-510.00; Mare ponies 20.00-75.00; Colts 15.00-25.00; Geldings 20.00-75.00; Larger ponies 125.00-155.00.

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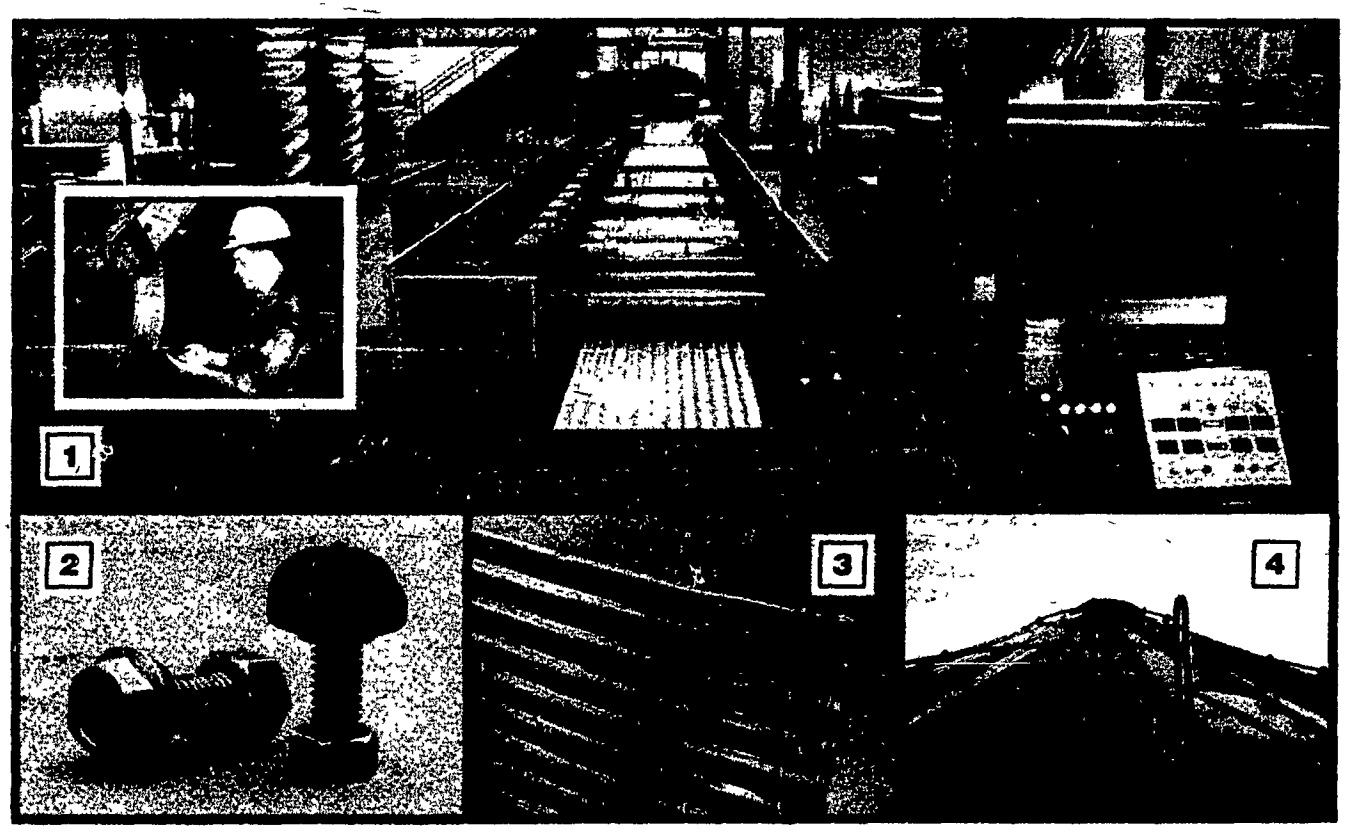

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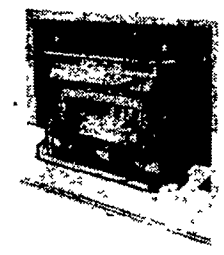

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Legume overseeding builds soil, lowers N costs

BY TRISH WILLIAMS

KUTZTOWN — The term organic farming to most commercial farmers does not connote a viable way to make a living in agriculture, as Jerry Webb points out in his column this week (see C-7). But as Webb also points out some commercial farmers are beginning to take a more serious look at organic cultural farming practices.

Rodale Research Center in Maxatawny, just northeast of Kutztown, has been involved in developing organic cultural farming practices since the 1930's. The original research center was started by J.I. Rodale, in Emmaus, and focused primarily on organic gardening. In 1970, a 305 acre farm was purchased in Maxatawny to allow demonstration of the organic method in commercial production of crops.

In 1974, the Rodale Research Center was established on the Maxatawny farm, and soon after the term regenerative agriculture was coined to give a more postive description to the organic farming practices. The research farm is modeled after a university experiment station, and welcomes visitors to tour the research farm.

To accomodate the ever increasing number of visitors to the center, a self-guided tour through the garden and field plots was established. According to Martin Culik, research agronomist, commercial farmers are taking more interest in the research he and his co-workers are conducting.

The concept of regenerative agriculture, of growing food without depleting the soil, without depending so heavily on pertochemical-based products, and without endangering wildlife or human health, certainly has alot of appeal to consumers.

Regenerative practices can help cut production costs, by decreasing the need for nitrogen levels as well as other nutrient costs, and eliminating the costs of pesticides.

Of particular interest to commercial farmers is a three-year study that is presently being conducted on overseeding legumes into corn and and soybeans.

Bob Hofstetter is the project leader for the overseeding study that began in the spring of 1982. According to Hofstetter, there are several reasons for the research with legumes.

"All species of overseed sods provide a living mulch, thus reducing soil erosion and potentially increasing the water holding capacity of the soil," states Hofstetter. "Legume sods, in addition to the above mentioned capabilities may supply sufficient amounts of nitrogen for corn and soybeans. The simultaneous growing of a legume sod and a grain crop could reduce the need for off-the-farm nitrogen for succeeding crops"

Hofstetter has concentrated most of his research on corn, but also is working with overseeding legumes into soybeans. The nitrogen requirement for soybeans is not as great as for corn, and soybeans form a dense canopy when in full leaf that dramatically limits the growth of the legume. Hofstetter sees more potential benefit of overseeding in corn than in soybeans.

Because no chemical herbicides or pesticides are used on the Rodale research farm, Hofstetter must control weeds by cultivating prior to seeding the legume. The idea being that after the legume is established it will control weeds by its own growth.

Fields are plowed, disked and cultipacked prior to corn planting. Hofstetter, with cooperation of the weather, plants the corn plots between May 5-15. He plants at a rate of approximately 23,000 seeds per acre, with a desired population of about 20,000 plants per acre.

There are a minimum of two cultivations, but as many as needed must be done before overseeding.

The overseed species is drilled at first or second cultivation. The overseed species is planted at its recommended rate.

Hofstetter and the farm mechanic adapted a three-point hitch cultivator with a seed box from a drill. Now he is able to perform both the second cultivation and the legume seeding in one pass through the row.

Bob Hofstetter drives the cultivator that he adapted with a seed box from a John Deere drill. This ingenious piece of equipment allows Hofstetter to cultivate and plant the overseeded species in one pass through the row.

"Sod species selection should complement your cropping system and not hinder management and production," says Hofstetter.

Hofstetter is working with the following overseed species in his research: hairy vetch (winter annual), medium red clover (biennial performance), Mammoth red clover, Austrian winter pea - var. Certified Melrose (summer annual in the North), Ladino white clover, and White Dutch clover.

Hofstetter says, "Factors to consider in selecting the proper legume sod for crop overseeding or interplant systems are: varietal adaptability to your region,

(Turn to Page A39)

Research intern, Sandy Rieger, broadcast seeds the overseed species of legume by hand into the smaller research plots.

USDA official visits Lancaster

U.S. Agriculture Department official Richard Siegel, on tour of southeast Pennsylvania, visited the Lancaster county Farm and Home Center and met with members of the extension and soil conservation services.

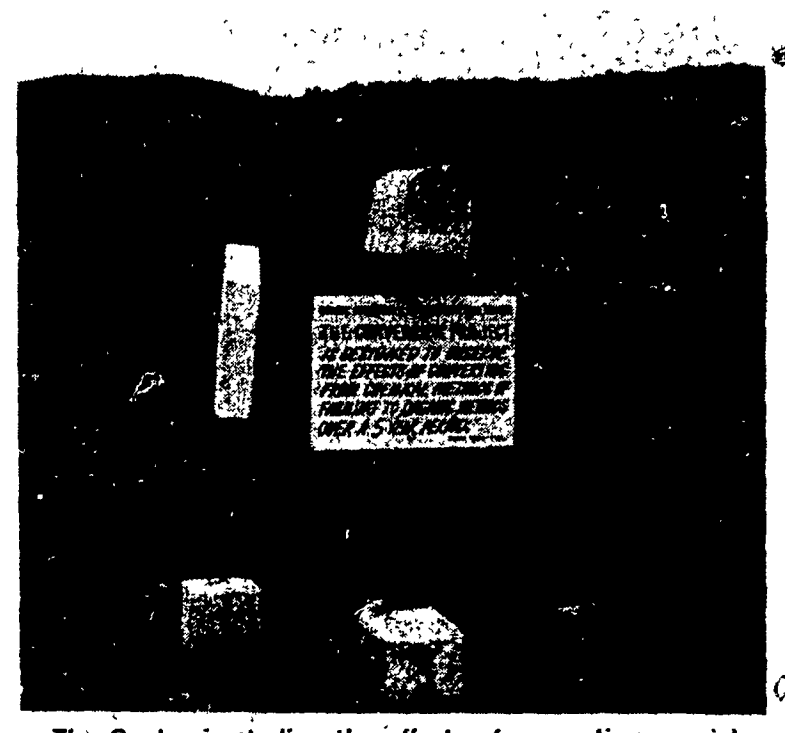
Siegel, deputy assistant secretary for natural resources and environment, met with conservation leaders at an informal lunch and then toured two conservation projects in Ephrata. On a tour which will end in a meeting with the Pa. Association of Conservation Districts in State College, Siegel said he likes to see different projects and learn about their applications.

The two farm Siegel visited were Dandi-Lee Farms and Indian Run Farm. Dandi-Lee, owned by Daniel W. Fox, Springville Road, Ephrata, consists of 74 acres and 65 head of dairy cattle. Conservation measures practiced there are grass waterways and an agricultural waste storage facility. Future conservation practices will include stream bank management and the use of contour farming in planting crops.

At the Indian Run FArm, owned by Aaron Z. and Elva J. Stauffer, Stevens Road, Ephrata, Siegel saw the use of Terraces, piped outlet terraces and grass waterways. The Stauffers, who farm 69 acres and raise 32,000 broilers, 120 farrow to finish sows and 100 beef cattle, plan to build an agricultural waste system and additional terraces.

The two projects are planned to help limit soil erosion. Of projects such at this, Siegel said that soil conservation is a main priority and plans are underway to deliver services more efficiently and target efforts to areas in greater need of conservation practices.

Deputy assistant secretary for natural resources and environment Richard D. Siegel, second from right, met with conservation leaders at the Farm and Home Center, Lancaster, on Thursday, during a tour of southeast Pennsylvania. Pictured, from the left, are Jay Irwin, county extension agent; Amos H. Funk, vice chairman Lancaster Co. Conservation District; James H. Olsen, state conservation department; Aaron Z. Stauffer, chairman Lancaster Co. Conservation district; Siegel; and James E. Huber, director and county commissioner.



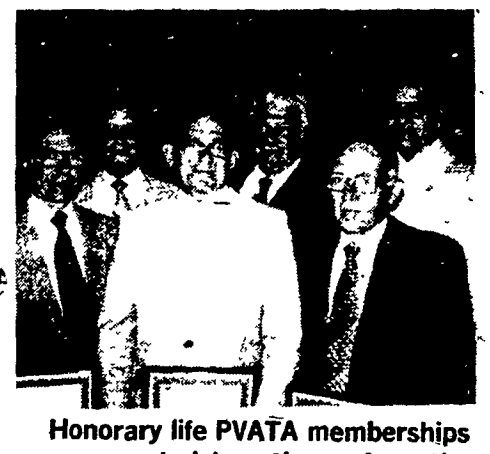
The Center is studing the effects of converting a neighboring, rented farm from chemical methods of farming to organic methods over a five year period.

Dr. Bryce Jordan, new Penn State president, with Sam Smith, Dean of Ag College.

Twenty-five-year service honorees among vo-ag teachers include, from left, William Williams, Carl Everett, Rick French of Seald Sweet, Robert Herr and Robert Walker.

Frederic Stillwagen, left, receives Sound Off for Agriculture Award from Sam Stensel, Executive Director of NVATA.

Gerald Strickler, left, of ELCO, presdient-elect, presents past president's plaque to Donald Reinert, of Kutztown.



Honorary life PVATA memberships are presented to retirees, from the left, C. Allen Carrington, Samuel E. Hayes, Charles Huffman, John Kimmel, Edward E. Heyler and John Crosbie. Also receiving honor were John Liggett, Herman Bass and Paul Barnhart.

State FFA Citrus Champion Award is presented by Rick French, right, of Seald Sweet to Fred Stillwagen, advisor at Lehigh County Vo-Tech.

Guy Naugle, PVATA president, of Red Lion, and Charles Mostoller, of Conneaut Valley, toastmaster, preside over vo-ag teacher awards banquet.

Vo-ag teachers

(Continued from Page A1)

some 13 percent short of filling the projected 59,000 jobs projected by the USDA in agriculture.

Approximately 175 vo-ag teachers and guests attended the annual Professional and Technical Education Institute designed to sharpen teaching skills.

Workshop areas in which the teachers participated included the use of microcomputers in agriculture, hydraulics for agriculture, small grains and soybean production, landscape design, diesel tractor maintenance, forestry, swine judging and carcass evaluation.

In their annual banquet at the State College Elks Club, teachers were honored for their comtinued professional service, as well as the promotion of vo-ag.

Twenty-five-year service watches went to Dr. William Williams, Carl Everett, Dr. Robert Herr and Dr. Robert Walker.

Special recognition was given to Clifford Painter, retired vocational agriculture field consultant from Washington, Pa. His career of promoting, teaching and guiding students in vo-ag and FFA spanned more than a quareter century.

Teachers honored in the 30-Minute Club for their preparation of news releases and articles in support of vo-ag included Drs. Sam Curtis, Edgar Yoder, James Diamond, Richard Stinson and Dennis Scanlon, Steve Miller, Earl Ferry and Fred Stillwagen.

Vo-ag teacher at the Lehigh County Vo-Tech School, Stillwagen was also honored as a regional winner in the annual "Sound Off For Agriculture" contest.

The competition honors those teachers doing outstanding jobs in promoting agriculture to the non-farm community.

For their efforts in promoting Ideas Unlimited – the sharing of unique teaching concepts – honored were Donald McNutt, Earl Ferry and Dave Seamans.

The three-day institute was sponsored by the Bureau of Vocational Education of the Pa. Dept. of Education. Cooperating in presenting the program were the Dept. of Agricultural and Extension Education at Penn State and the Pa. Vocational Agricultural Teachers Association.

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Harold Miller, Jr and Nancy (center) discussing their farm records with John Moose AVP and Assistant Director of Hamilton Bank s Agn-Finance Department, along with Donald Weaver (left), Manager of the Stewartstown Office This family operation farms 1500 acres of grain of which they own 300 acres near Stewartstown in York County

Kruegers tops at Pa. Angus Breeders Show

BY LAURA ENGLAND

CENTRE HALL — Edlyns Sapphire Princess 2930, a heifer owned by the Lavern and Greg Krueger families, West Grove, was selected grand champion junior heifer and overall grand champion at the first Pennsylvania Angus Association Breeders Show.

Sired by PS Power Play, the heifer was chosen by judge David Sleigh of Ontario, Canada, from a field of 78 entries. Reserve grand champion heifer honors went to HF Queen Mother 267, owned by Huntington Farm, Alexandria, and sired by PS Mastermind.

Receiving reserve grand champion junior honors was a heifer owned by Rishels Edlyn Farm and Genetics Unlimited, West Grove. The heifer, named Edlyns Lady Evelyn 201, was sired by PS Power Paly.

The grand champion bull title was won by Kruegers Foolish Pride, owned by Fred Frey and Sons and the Greg Krueger Family, West Grove. The reserve honors went to PS Super Play, owned by Mark J. Barnett, Quamby, Hagly, Tasmania; Mrs. L.K. Kerr, Tibooburra Angus, Victoria Australia; and Penn State University.

Two Continental daughters took the champion and reserve champion bred and owned junior heifer titles. Guy McKean, Mercer, and his heifer MB Collie Con won the champion title. The reserve honors went to Ernest Frey II, Quarryville, and his heifer Twin Oaks Kyma.

Other titles went to:

—Calf champion heifer and reserve heifer: HF Queen Mother, Huntington Farm, Alexandria; Scaaras Image of Krueger, Lavern Krueger, Greg Krueger Families, West Grove.

—Intermediate champion heifer and reserve heifer: LA Nicole OP46, Dale Rains, Mercer; MB Collie Con, Guy McKEan, Mercer.

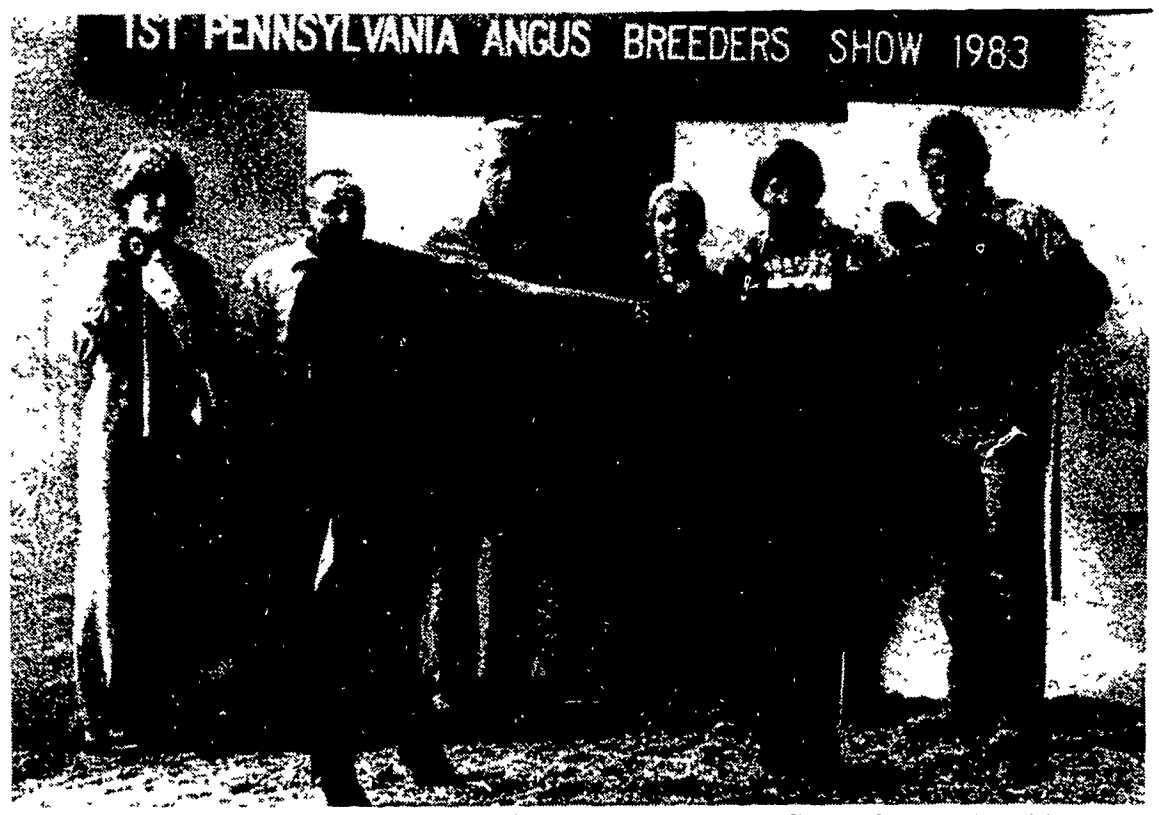
—Junior champion heifer and reserve heifer: Edllyns Sapphire Princess 2930, Lavern Krueger, Greg Krueger Families, West Grove; Edlyns Lady Evelyn 201, Rishels Edlyn Farm and Genetics Unlimited, West Grove.

—Calf champion bull and reserve: Genetics Cash Maker, Genetics Unlimited, West Grove; HF Power Play, Mt. View Angus Farm and Huntington. Farm, Halifax.

—Intermediate champion bull and reserve: Kruegers Concord, Regele, hartley, Delaware; Mr. National of GU&K, Genetics Unlimited and Greg Krueger Family, West Grove.

—Junior champion bull and reserve: PS Super Play, Mark J. Barnett, Quamby, Hagly, Tasmania, Mrs. L.K. Kerr, Tibooburra Angus, Victoria, Australia, and Penn State University; High Intensity 842, Joel W. Stivers, Pittstown, NJ.

—Senior champion bull and reserve: Kruegers Foolish Pride, Fred Frey and Sons, Greg Krueger Family, West Grove; Koolspring Connection 128, Mr. and Mrs. Raymond Tait, MErcer.



Winning both the grand champion junior heifer and overall grand champion titles at the Pa. Angus Breeders Show was Edlyns Sapphire Princess 2930, owned by the Lavern and Greg Krueger families, West Grove. Pictured with Princess are, from left, Pa. Angus Queen Chris Shive, Lavern Krueger, judge David Sleigh, Jane Krueger, Greg Krueger and Dave Hirt.

Receiving reserve grand champion junior honors at the Pa. Angus Show was Edlyns Lady Evelyn 201, owned by Rishels Edlyn Farm and Genetics Unlimited, West Grove. Pictured are, from the left, Pa. Angus Queen Chris Shive, Mr. and Mrs. Edward E. Rishel, judge David Sleigh, Jane Krueger and Greg Krueger.

Cathy Shive of Seven Valleys and her heifer, SAF Queen Dolly 429, received top junior show winners at the Pa. Angus Show. Pictured are, from left, Chuck Berry, Pa. Angus Queen Chris Shive, judge David Sleigh and Cathy Shive.

In addition to the open class winners, junior show champions were also named. Cathy Shive, Seven Valleys, and her heifer, SAF Queen Dolly 429 sired by PS Power Play, won the junior show title. Reserve junior honors went to a heifer owned by Fritz Frey of Quarryville. Named Blackbird of Ettrick 3P, the heifer was sired by Gallaghers powerful.

The Angus Association Show, with both heifer and bull classes, was part of a two-day event celebrating the 100th birthday of the American Angus Association. The celebration, held at the Centre County Grange Fairgrounds in Centre Hall, included field day activities, a judging contest and a junior showmanship contest.

The judging contest, open for all ages, was divided into five categories. Winning the men's division was Jim Eisehower York County. The women's winner was Dianne Shive, York County. Tim Kinsley, York, was the boy's winner, and Carolyn Zyzo of Maryland took the girls title. Zyzo was also named the high individual overall.

The team competition was won by Centre County III. Team members were Scott Hazlett, Lori Cash and Kerry Long.

Chester Hughes, Pa. Angus Association secretary, said he was pleased with the overall show participation and is looking forward to net year's 2nd annual show.

HF Queen Mother 267, owned by Huntington Farm, Alexandria, was selected reserve grand champion heifer at the Pa. Angus Breeders Show. Pictured, from left, are Herman Purdy, John Dawes, Pa. Angus Queen Chris Shive, judge David Sleigh, Gred Untied, and Fred Frey.

1983 Pa. Angus Show
Open Heifer Classes
Class 1
1 Lee Berry, Elverson, 2 Joel W Stivers, Pittstown, NJ, 3 Rocky Forge Farm, Hagerstown, Md
Class 2
1 Huntington Farm, Alexandria, 2 Lavern Krueger, Greg Krueger Families West Grove, 3 Anna Marie Frey, Quarryville
Class 3
1 Dale Rains, Mercer, 2 Twin Oak Farms, Quarryville
Class 4
1 Marlee Farm, West Grove, 2 Ernest R Frey II Quarryville, 3 Stonylonesome Farm Stahlstown
Class 5
1 Guy McKean Mercer, 2 Dale Rains Mercer 3 Jill Berry Elverson
Class 6
1 Lavern Krueger Greg Krueger Families West Grove 2 Cathy Shive Seven Valleys 3 Freida Frey Quarryville
Class 7
1 Rishels Edlyn Farm and Genetics Unlimited West Grove 2 Chad Cash Centre Hall 3 Dennis and Dottie Byrne and MarLee Farm West Grove
Class 8
1 South Branch Farms York 2 Dale Rains, Mercer 3 Brian K Hoerner Hershey
Class 9
1 Penn State University University Park, 2 Fox Hill Farm Kennett Square, 3 Joel W Stivers Pittstown NJ
Class 10
1 Joel W Stivers, Pittstown NJ 2 Stonylonesome Farm, Stahlstown, 3 Fritz Frey Quarryville
Class 11
1 Stonylonesome Farm Stahlstown 2 Michelle Wiesenbaugh, Waynesboro, 3 Chester D Hughes and R G Farms, Lancaster
Class 12
1 Twin Clay Angus, Kennett Square, 2 Twin Oak Farms Quarryville, 3 James Eisenhower, Wellsville

Junior Show Classes
Class 1
1 Lee Berry, Elverson
Class 2
1 Anna Marie Frey, Quarryville, 2 David Bell, West Grove
Class 4
1 Ernest R Frey II, Quarryville, 2 Christine Shive, Seven Valleys
Class 5
1 Guy McKean, Mercer; 2 Jill Berry, Elverson, 3 Lori Cash, Centre Hall
Class 6
1 Cathy Shive, Seven Valleys 2 Freida Frey, Quarryville
Class 7
1 Chad Cash, Centre Hall, 2 Kaye Sweigard, Halifax, 3 Jan Waltz Manheim
Class 8
1 Brian K Hoerner, Hershey, 2 Tammy Eisenhower, Wellsville, 3 Sandra Eisenhower, Wellsville
Class 9
1 Donald Cairns Sadsburyville 2 Jason Bross Dover
Class 10
1 Fritz Frey Quarryville, 2 Susan Eisenhower Wellsville 3 Kirke McKean, Mercer
Class 11
1 Michelle Wiesenbaugh Waynesboro 2 Tom Bross III Dover, 3 Robin Shive Seven Valleys
Class 12
1 James Eisenhower Wellsville, 2 Kaye Sweigard Halifax

Bull Classes
Class 13
1 Mt View Angus Farm and Huntington Farm, Halifax, 2 Mr and Mrs Raymond Tait, Mercer
Class 14
1 Genetics Unlimited West Grove 2 Mt View Angus Farm and Huntington Farm Halifax
Class 15
1 Riegele, Hartley Delaware, 2 Genetics Unlimited and Greg Krueger Family, West Grove, 3 Genetics Unlimited Krueger and Family, and Berry Patch Farm, West Grove
Class 16
1 Mark J Barnett, Quamby, Hagly, Tasmania, Mrs L K Kerr, Tibooburra Angus Victoria, Australia, and Penn State University, University Park, 2 Joel W Stivers Pittstown, NJ, 3 Walter Laird and William Dietz, Dover
Class 17
1 Monique Sweigard, Halifax
Class 18
1 Mr and Mrs Raymond Tait, Mercer
Class 19
1 Fred C Frey and Sons, Greg Krueger and Family, and Genetics Unlimited, West Grove

Group Classes
Get of Sire
1 Penn State University, University Park, 2 Dale Rains, Mercer, 3 Mountain View Farms, Halifax
Junior Get of Sire
1 Dale Rains, Mercer

Which of these ice cream eaters are you?

BY DICK ANGLESTEIN

In honor of National Ice Cream Week, we called a meeting of our one-person local chapter of the AAWICEI -- Amalgamated Association of Watchers of Ice Cream Eaters, International.

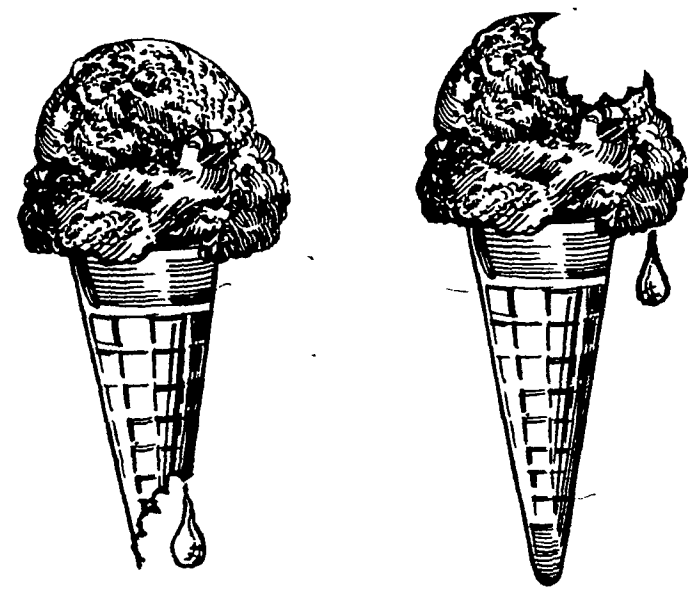
This Association meets sporadically for the sole purpose of watching people eat ice cream.

And, there's no better time to watch than during National Ice Cream Week. After all, if our national leaders decree something, it must be so.

When calling a meeting of the Association, it is best to select an inconspicuous vantage point near an ice cream sales outlet. A warm sunny day is best. On such a day you get a better variety of customers. Also, the ice cream melts easier and people must eat faster. In trying to keep up with the dripping object in their hand, they lose all of their culturally-spawned eating inhibitions and imbibe more naturally.

At this week's observation, we noticed the following types of ice cream eaters. See if any look familiar.

THE MACHO MUNCHER -- This type of ice cream eater literally attacks the cone, taking large bites and chewing each creamy mouthful. The typical consumption of a cone in record time is customarily accompanied by prominent display of the eater's pearly whites -- Eric Estrada style. With each bite, the eater appears to make a macho statement: "Look, I have no fillings and chewing ice cream doesn't bother me at all." Critics of this type of eater often claim that the rapid consumption of the



ice cream is necessary to cool off more latent desires often associated with machismo. The macho muncher is usually accompanied by

THE DAINTY ROMANTIC -- In contrast to her companion, this type of ice cream eater primarily utilizes the lips and tongue in very suggestive unison. The lips are puckered as if to kiss and applied lightly to the surface of the ice cream. The tongue is then lightly flicked across the lips to remove the creamy deposits. The dainty romantic rarely buys more than the smallest of dips because the natural melting of the cone is generally faster than this type of eating process. Next, is the

NEEDLE NOOTZER -- This eater prefers soft ice cream because it's easier to eat the cone into a perfectly tapered shape. The base of the ice cream taper is the size of the cone and the eater gradually decreases the circumference until it disappears to a needle point at top. When the needle is formed, the eater can be seen to nootz the ice cream the way a baby nootzes its pacifier. The best of the eaters works on the needle tip ever so gently, challenging it to defy gravity and trying for the narrowest of ends. Then, they like to watch the needle end slowly tip over and form a curlicue. The larger the curlicue, the more adept is the needle nootzer.

THE SNEAKY SIPPER -- This eater is not too prevalent but can be observed among children. Apparently, it is a trait that is outgrown, much like sucking your thumb. After the cone is conventionally eaten to a certain point, the Sneaky Sipper bites the bottom of the cone off and sips and sucks the remainder down through. Caution -- this method can get messy. I guess it's adult inhibitions that cause people to outgrow this method.

THE SLURPING SCHLECKER-- This consumer utilizes only the tongue. But he or she really relishes the cone and slurps and schlecks with enthusiasm -- complete with sound effects. Here are two sub-categories -- the flitter and the lapper. The flitter has a tongue that darts in and out (kinda like a snake), taking rapid-fire tiny schlecks. The lapper usually takes the tongue all the way around the cone. The cone is either revolved between the fingers or the eater appears to hold the cone steady and sorta walks the head around the cone.

Of, course these are just a few of the types of ice cream eaters.

So, why don't you form your own AAWICE! chapter.

Happy watching.

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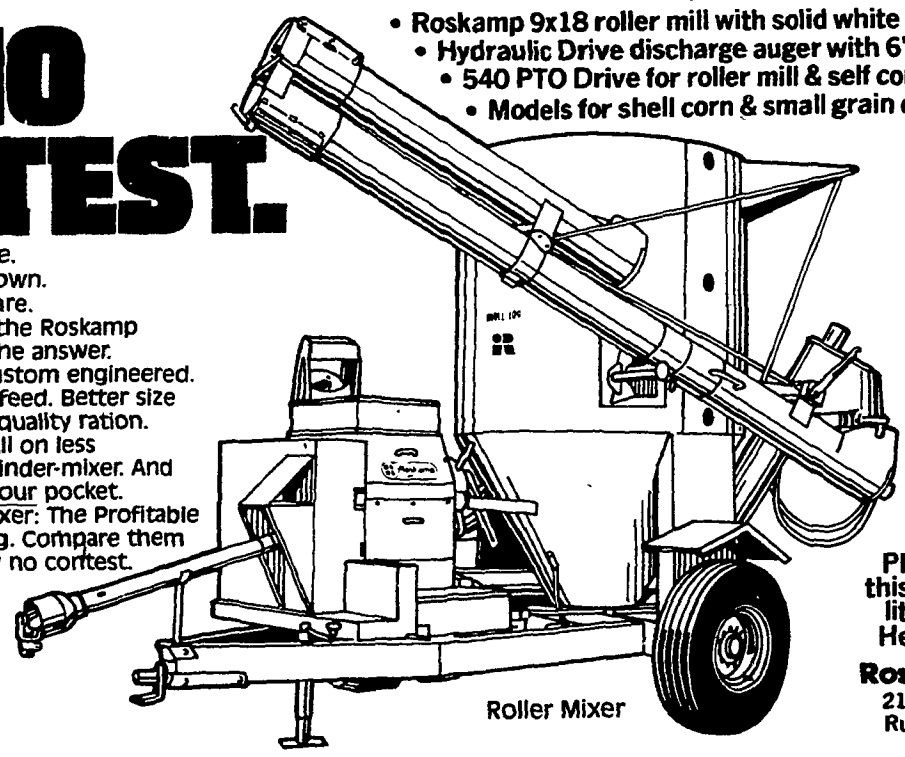

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Bleach 'digests' weeds & stems into feed

PEORIA, Ill. — Peroxide, a common bleach, predigests weeds and stems of crop plants in laboratory studies here and frees the components for possible use as feed and chemical raw materials, says a U.S. Department of Agriculture biochemist.

Michael Gould says plant stems, stalks, straws, husks, hulls, cobs and wood contain more energy than seeds, but are little used for feed and chemical products because they are hard to digest. To free components that contain energy-yielding sugars, he treats plant parts 12 hours at room temperature with a solution of hydrogen peroxide that is about as alkaline as strong soap (pH 11.5). This peroxide is a common antiseptic as well as a bleach.

The treatment is like a tenderizing process. It frees components in the plant parts for digestion by animals and microorganisms and for chemical reactions. "Changes in composition are accompanied by dramatic changes in physical properties," Gould says. "During the wheat straw treatment, for instance, chopped straw disintegrated into highly absorbent fibers with a pulp-like consistency." He also treated corn stalks, husks and cobs, stems of soybeans and foxtail, a weed grass, kenaf stalks and oak wood shavings in the Agricultural Research Service studies.

"Chemical energy from the peroxide makes the reaction go at room temperature," Gould says. It saves the cost of fuel for heating. The treatment uses 1 part of hydrogen peroxide for about 4 parts of straw, a proportion that might be too costly in an industrial scale process, depending upon the value of the feed and industrial raw materials produced. "Furthermore," Gould says, "continuing studies may lead to ways to lower the peroxide requirement significantly."

This first study at the Northern Regional Research Center was designed not to develop an industrial process but to learn more about the plant components, cellulose, lignin and hemicellulose, and how to get them out of the plant materials. Gould says a process "may be years in the future and with many variations from the present treatment, depending upon what we learn in further research. Right now, for example, we are studying how the peroxide changes the plant materials. We think it may react primarily with lignin to yield oxygen and oxidized lignin fragments. These new products may have potential as chemical raw materials."

Feeding trials of treated crop residues have started in cooperation with George C. Fahey, Jr., animal scientist at the University of Illinois. In the first studies, cattle appear to digest almost all of a treated straw product, primarily cellulose, in 24 hours. They digest less than half of untreated straw even in 72 hours.

"Complete use of the cellulose, hemicellulose and lignin from agricultural residues to produce cattle feed, simple sugars, alcohol and feedstock chemicals," Gould says, "would be a positive factor in the overall economics of a commercial peroxide process."

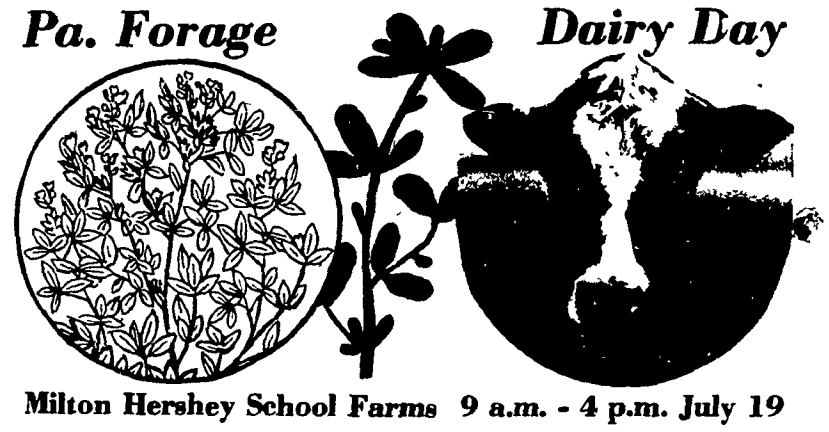
A commercial process could aid soil conservation, he says. It could furnish a market for grass or other soil-protecting crops planted instead of row crops or cultivated crops on hillsides and strip-mined land.

Cellulose is a fibrous substance making up most of plant cell walls and plant products such as paper, cotton and linen. Gould says it is a source of the same glucose sugar obtained now from corn starch for making ethyl alcohol. If cellulose in crop residues can be made more digestible, it might be fed to cattle for producing meat and milk for people.

Hemicellulose is another component of plant cell walls. It is the source of another sugar, xylose, which can be converted to alcohol by the yeast, Pachysolen, in a process developed at the Northern Center.

Lignin cements cellulose and hemicellulose in and around plant cells like mortar and concrete in and around bricks in a wall. It is a source of many compounds that could be converted to new products such as plastics and other synthetics now made from petrochemicals, Gould says. Lignin gives strength to plant stems and protects the cellulose

(Turn to Page A31)



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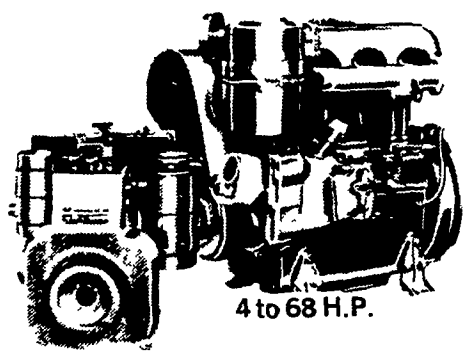

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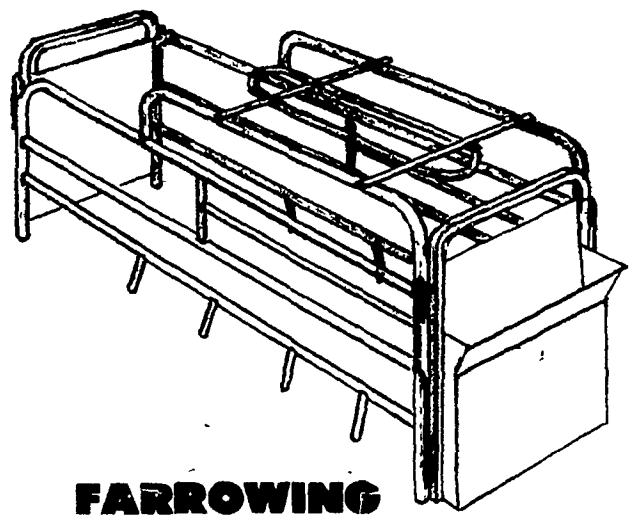

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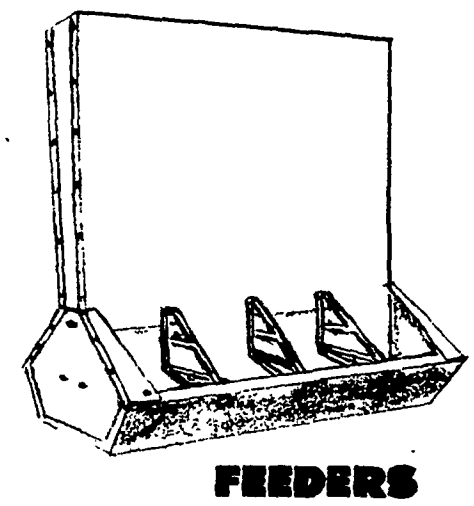

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DEKALB, Il. — Economic studies show forages to be underpriced relative to feed grains and supplements, considering nutrient content alone. It is recognized that, except for range and pasture, forages present a greater challenge in terms of storage and handling; so the net difference is less. Regardless, as grain and/or supplement prices increase, forages become more attractive to livestock feeders and dairymen.

Once in the feedbunk, the worth of an individual forage, whether hay, silage, haylage, cubes, or whatever, depends on its quality. Everybody recognizes forage quality when they see it. Or do they? Even experts have trouble defining forage quality. For our purposes, the value of a forage for meat, milk, or wool production depends on nutrient availability per unit of forage consumed and how much of it an animal eats.

Every animal has a given requirement for energy to maintain body functions. Any energy remaining after these maintenance requirements are met is used to produce meat, milk, etc. The greater the available energy, the greater the production; up to the capacity of the animal to eat and digest feedstuffs.

Animals will eat more of a high quality forage and they'll derive more energy from every mouthful, but they do have a capacity limit. No cow can eat 100 pounds of hay in a day, no matter how good the quality. High production requires that part of the total energy come from more concentrated nutrient sources — the grains. But with a high quality forage, less grain is required to provide the same total energy. The value of that high quality forage, then, lies in its ability to provide more lower-cost nutrients in the total ration. As forage quality declines, animals will eat less and the nutrient contribution will be reduced — leading to either a reduction in energy available for production or to increased need for concentrated nutrient sources if production is to be maintained.

Alfalfa is the most popular, mechanically harvested, perennial forage crop in the world. Let's take a look at alfalfa harvest management in relation to quality. Every alfalfa grower, concerned with maximizing return, has to make quality-related harvest decisions.

Maximum alfalfa yields generally occur from harvesting near the full bloom stage. Highest quality, however, is achieved at the more immature pre-bud stage. Most growers compromise between highest yield and highest quality and settle on a harvest stage best identified as "first bloom." Unless there is a special need or market for maximum quality or medium to low quality forage, this stage is as near right as we can get with alfalfa.

By selecting varieties that differ a few days in the time we take to start blooming, one can spread harvest time and get to more of the crop at near-optimum stage. If large acreages are involved, it may be necessary to start harvesting a few days early — at early — to mid-bud stage. If you do this, switch from field to field for the earliest harvest as the stand will be weakened by taking every cutting at an early bud stage.

Weather conditions may cause unavoidable harvest delays, which have to be accepted as part of any forage production program. There are some ways of coping with weather. Although not widely used as yet, certain preservatives allow higher moisture hay storage. Also, there are some promising chemical applications that hasten moisture loss from alfalfa stems, allowing pickup and storage a day or two earlier than normal. Engineers are reporting some success with a squeezing process which extracts a valuable high protein juice, leaving a very digestible residue which can be ensiled or dried and utilized as forage. The process can virtually eliminate weather damage.

4-H'ers Sponsor Fair

LEESPORT — The Berks County 4-H Fair will take place Aug. 4, 5, and 6 at the 4-H Community Center Building.

The time for setting up exhibits is from 10:30 a.m. to noon Thursday.

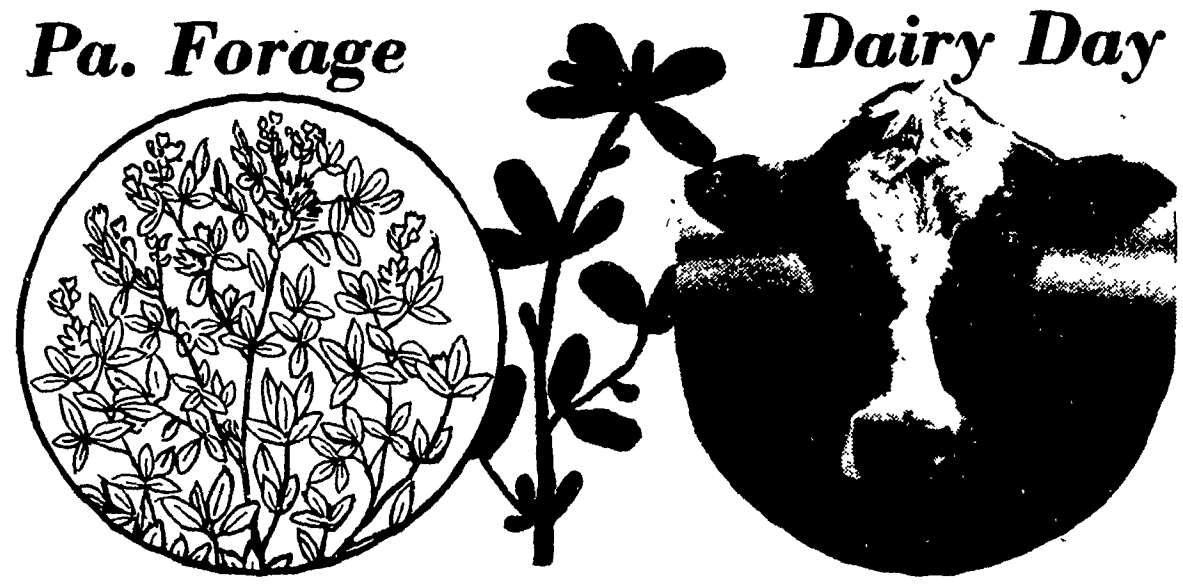
Some of Thursday's featured events include a watermelon eating and seed spitting contest, laugh olympics, a bale throwing contest and a scavenger hunt. 4-H family olympics will occur at 7 p.m.

Friday's list includes a fish rodeo, a talent contest, 4-H Seeing Eye Puppy demonstrations and a hoedown and modern dance.

A pig roast will take place from 5:30 to 7 p.m. Friday. Preregistration is necessary.

Saturday will feature the Horse Clubs Round-Up.

Pa. Forage Dairy Day



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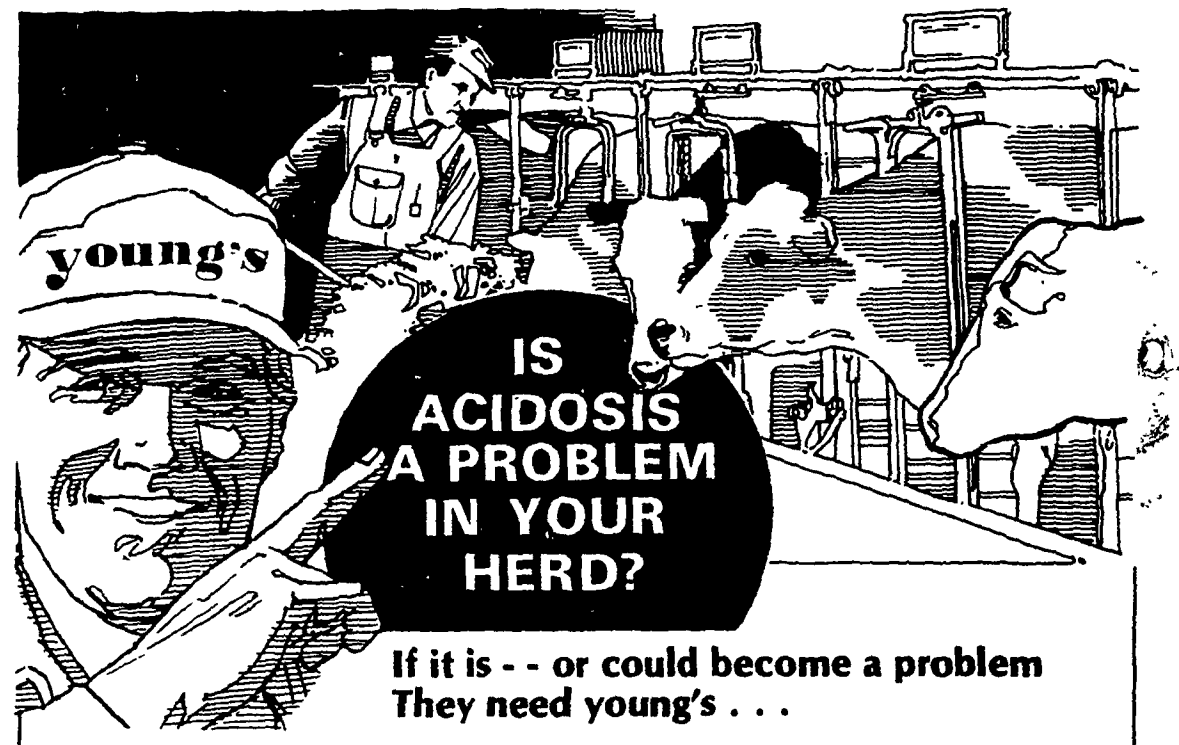

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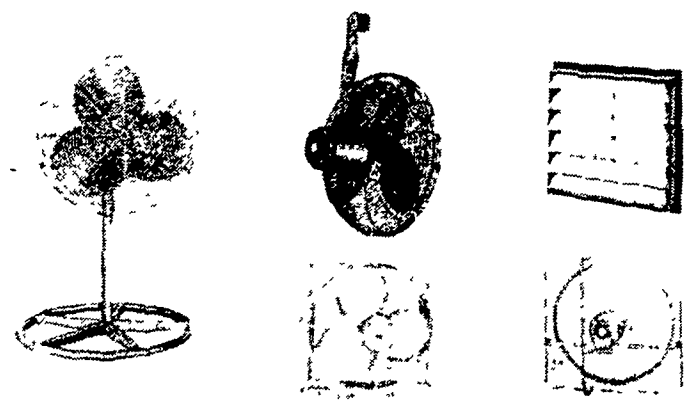

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Berks announces Extension promotions

LEESPORT — Berks County Extension Director Herbert A. Wetzel announces the promotion of three stafff members, effective July 1.

Those promoted were Herbert A. Wetzel, from Extension Agent to Senior Extension Agent; Fay B. Strickler, From Extension Agent to Senior Extension Agent; and Richard S. Kauffman, from Assistant Extension Agent to Associate Extension Agent. Additionally, Diane V. Brown, Extension Home Economist for the S.E. Region, was promoted from Extension Agent to Senior Extension Agent.

Senior Extension Agent is the highest rank in the Pennsylvania Cooperative Extension Service.

Wetzel has been with the Extension Service for 25 years and has been with the Berks County Extension Service since February, 1961. He is responsible for providing educational information on fruit and vegetable production, mushrooms, agronomy, and Christmas trees. The fruit and Christmas tree programs are conducted on a regional basis.

Fay Strickler joined the county staff in 1972 as Extension Home Economist. She has previously been employed as Home Service Director for U.G.I. Corporation in the Lancaster Division.

As coordinator of the Family Living Program, Fay provides leadership for 23 Homemakers Groups, and conducts programs in foods, nutrition, housing, financial management and health. She also supervisies the Expended Food and Nutrition Education Program which serves approximately 175 low-income families in Berks County.

Richard S. Kauffman, Berks County 4-H Coordinator, was appointed a Penn State Extension Agent in October of 1979. He previously served a year as a county Extension Assistant, in which he developed programs in recreation and health.

As Berks 4-H Coordinator, Kauffman is responsible for overall program maintenance, 4-H staff supervision, adult and teen volunteer leader development, provides guidance for the Berks County 4-H Development Board and its committees. He also is responsible for 4-H club development and implementing adults and teens into the local 4-H club program.

On the State level, Kauffman is currently Secretary of the PA Association of Extension 4-H Agents and Treasurer of the Eastern Pa 4-H Camping Association.

Diane Brown, S.E. Regional Extension Home Economist, was also promoted to Senior Extension Agent. Ms. Brown, a native of Maryland, has spent her entire career working for the Cooperative Extension Service in four states in a variety of positions. Currently she provides educational programs in eight counties in the Southeast Region on food economics, financial resource management, housing, equipment, and energy related topics.

Diane is currently enrolled in a Doctoral program at Penn State University, working toward a Doctorate of Education in the Department of Adult Education.

Bleach digests

(Continued from Page A26)

from attack by microorganisms – and chemists.

"Numerous pretreatments have been developed to increase the susceptibility of cellulose in agricultural residues and wood to digestion by enzymes," Gould says. "These pretreatments all seem to have some major drawback. Most do not increase digestibility to the maximum possible. The few that do allow maximum digestion use too much fuel, use expensive or toxic chemicals, or generate toxic products."

Alkaline hydrogen peroxide dissolved most of the hemicellulose and more than half the lignin in chopped wheat straw within 12 hours, Gould says. The treatment also "opened" a crystalline, indigestible part of the cellulose to digestion by an enzyme from the fungus, Trichoderma. The enzyme converted more than 95 percent of the cellulose in the treated straw to glucose sugar. It converted less than 20 percent of the cellulose in untreated straw to the sugar.

A yeast, Saccharomyces, converted the glucose to ethyl alcohol, yielding about 90 percent of all the alcohol that the straw cellulose could produce. Gould compared the yeast's growth and alcohol production on the cellulose, on a medium containing the dissolved lignin and on a conventional fermentation medium. "Neither the lignin-containing solution nor the treated cellulose appeared to be in any way toxic or inhibitory to the yeast's growth or ethanol production," he says.

"This is especially important since peroxide-treated crop residues may find use as high energy feeds for ruminants."

Insoluble material, mostly lignin, remaining after both peroxide treatment and enzymic digestion amounted to 7 percent of the original straw. "In other words," Gould says, "93 percent of the original straw was solubilized by the combined treatment with alkaline peroxide and Trichoderma enzyme."

"The new lignin products formed during the peroxide reaction include low molecular weight carboxylic acids. They have potential as chemical feedstocks." Formation of these products instead of phenolic acids formed in other treatments may account for the lack of toxicity in lignin dissovled in the peroxide treatment, Gould says.

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York youths among top livestock judges

BY JOYCE BUPP
Staff Correspondent

WELLSVILLE — York County youth livestock judges took three out of the four top judging spots during regional judging competition last week at Warrington Green Farms, owned by the Drs. George and Lois Kushner.

Top-placing junior judge overall was Susan Wenger, of Cumberland County, and York County's Melissa Trostle topped the senior age category. First place junior team was the trio of Kerri Kohr, Joanne Rishel and Greg Bankert, representing York, while York's senior team of Melissa Trostle, Bob Livingston and Bill Wise won their division.

Junior winner Susan Wenger, of Cumberland County, also took top honors in the junior beef judging division. Scott Hazlet of Centre County was high individual in sheep placings, and York's Joann Rishel topped the swine judging category.

In the senior individual categories, Bob Livingston, of York, Chris Chapman, of Lancaster County, and Betsy Colket, of Chester County, tied for first in the oral reasons competition, with matching scores of 122 points. Just one point below was York's Bill Wise, topping teammate Chris Shive with 120 points.

High individual judge in beef placing was Chester County team member Rod Stoltzfus, with Bill Wise of York, earning top spot in sheep judging, and Seth Gruber, of Lehigh County, winning out in the swine judging division.

This year's turnout of junior judges surpassed any previous year in the 25-year history of the

(Turn to Page A35)

Senior team award at York Invitational went to York trio, from left, Bill Wise, Melissa Trostle and Bob Livingston.

Four senior 4-H'ers who won top individual honors include, from left, Bill Wise, York; Seth Gruber, Lehigh; Rod Stoltzfus, Chester; and Bob Livingston, York.

York County Junior Livestock Team, which topped runnerup Lancaster by two points, include, from left, Joann Rishel, Kerri Kohr and Greg Bankert.

Susan Wenger, left, topped the field of 45 juniors as top judge at York Invitational; while Melissa Trostle was first among 53 senior competitors.

Burgard ends 4-H hog career in style

BY JOYCE BUPP
Staff Correspondent

STEWARTSTOWN — Mike Burgard's bank account has fattened even faster than his 4-H market hogs.

Two of the East Berlin 4-H'ers entries in the York hog roundup show on Monday garnered the pair of top ribbons for the 18-year-old in his final year of 4-H competition.

Both were Hamp-Duroc crossed hogs from the home-bred bloodlines in the Ralph Burgard family's swine herd at East Berlin R1.

When his 250-pound grand champion paraded around the sale ring at host Sechrist's Auction, the bidding took off slowly, but quickly gained momentum and grew into a heated competition between two determined buyers.

When the gavel finally crashed down, Hatfield Packing had earned another purple rosette for its collection, plus a handshade of thanks to the buyer from Burgard for the $3.50 per pound price that had won the spirited bidding contest.

Next across the sawdust was Burgard's reserve champion, weighing in at 245 pounds and penmate to the winner.

Emerging victorious from a second round of rapidly climbing bids was buyer Rick Doyle of Ron Bradley Realtors, Shrewsbury, who firmly held out to the final bid of $2.05 per pound.

Catching his breath back in the livestock pens after the successful sale, the youthful hog expert considered what it takes to pick and raise winning pigs.

"Look for overall length, and a good frame," advises Burgard. "And be sure to pick the healthiest animals at weaning time."

His five entries, plus those of his younger brother, Gary, went into a market hog 4-H pen at weaning time, where the brothers could monitor the progress of their projects. That, says Mike, was the only difference between raising those hogs and the others in the Burgard herd.

Winner of the champion pair honors was 14-year-old Gus Parlett of R2, Airville, exhibiting a matched duo of Purebred Spots averaging 220 pounds each.

Bob Powl, of Powl's Feed Service in Peach Bottom, was the successful bidder for the pair winners, paying 90 cents per pound for both.

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Purple ribbon and $3.50 a pound for his Hamp-Duroc cross went to Mike Burgard. Bob Sechrist of the host sales arena represented Hatfield Packing Co. in the bidding.

Gus Parlett topped the market pair class with a purebred Spotted duo, which sold to Bob Powl, of Powl's Feed Service, Peach Bottom, for 90 cents per pound.

Kristine Miller's reserve champion pair also went to Hatfield represented by Bob Sechrist.

4,000 enjoy Guernsey ice cream in Mercer

BY NANCY KUNICK
Staff Correspondent

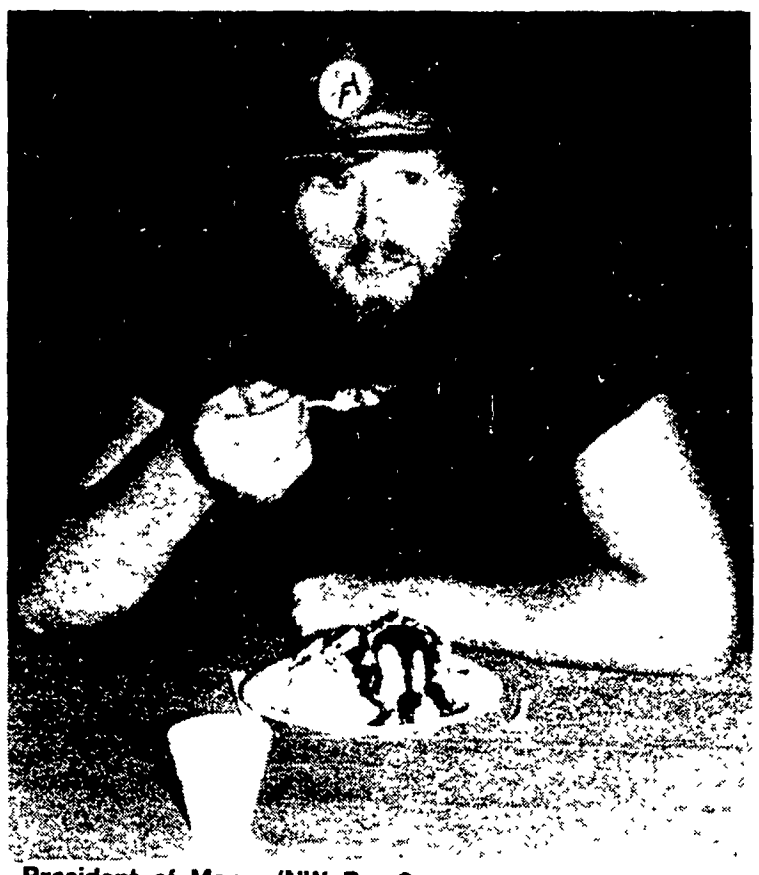
MERCER — Mix hard work, extra large portions of ice cream, warm weather and thousands of people and you have the Mercer/NW Pa. Guernsey Breeders Ice Cream Social.

More than 4,000 persons lined the Mercer County 4-H Park on July 8 to enjoy huge platefuls of homemade Guernsey ice cream topped with a choice of chocolate or strawberries.

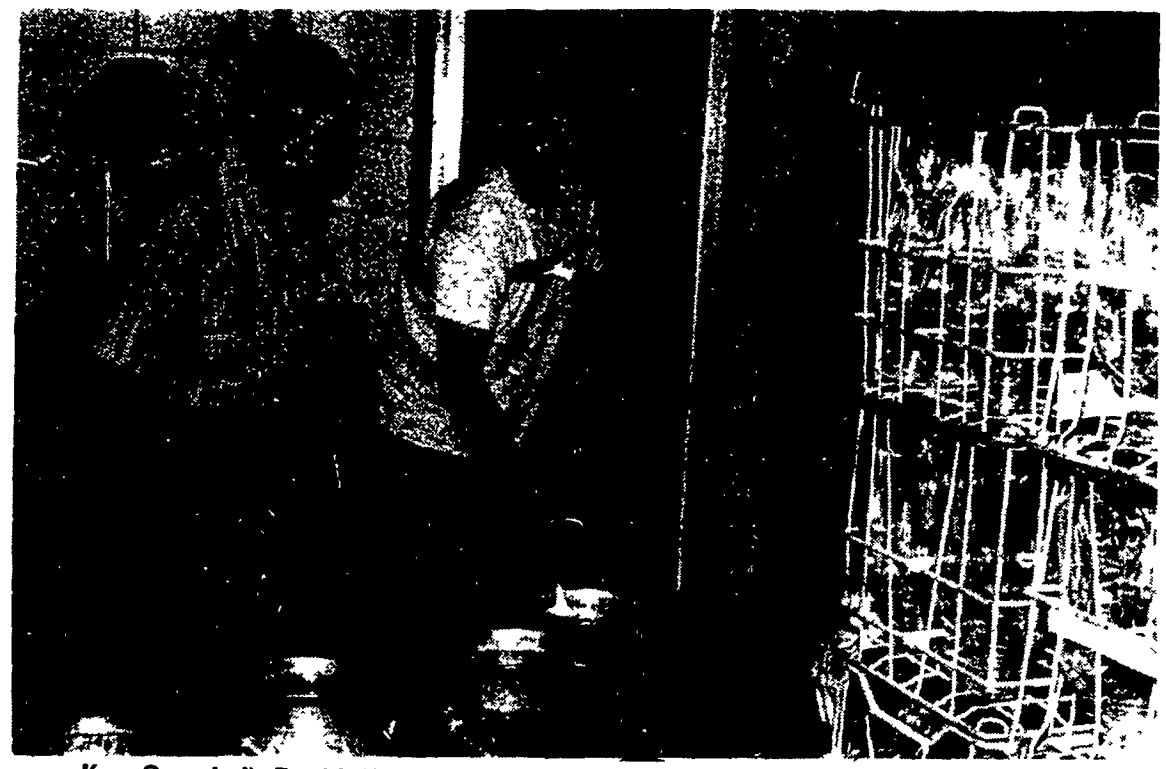
The annual event has been a tradition for the Association since the early 1950's thanks to a Mercer Co. member. At that time, Leroy Campbell, now deceased, originated the idea for four reasons.

"Leroy wanted people to taste Guernsey ice cream, get all they could eat, promote good will and keep the treasury up," remembers Jim Dixon, who recently retired as Sec./Tres. of the Association after 23 years.

All of these goals have been realized each year. Individuals are encouraged to eat all the ice cream they want which includes cake and beverages for one price. Often one plate is enough since the ice cream is scooped generously with large trowels.



President of Mercer/NW Pa. Guernsey Breeders Assoc. John Kunz samples a helping of ice cream.



Ken Campbell, David Alford and Merle Helbig work with ingredients going into ice cream mix.

With satisfied ice cream lovers returning each year and often bringing new faces, the Guernsey Association feels it is a tradition worth keeping.

However, the work doesn't begin at 5 p.m. when the serving was scheduled to start - it takes preparation.

On July 5 several members met at Woods Dairy, near Transfer, to prepare the ice cream mix. Most of the members donated milk which was combined with dozens of eggs, hundreds of pounds of sugar and several teaspoons of salt. These ingredients were stirred and then pasteurized to dissolve the sugar.

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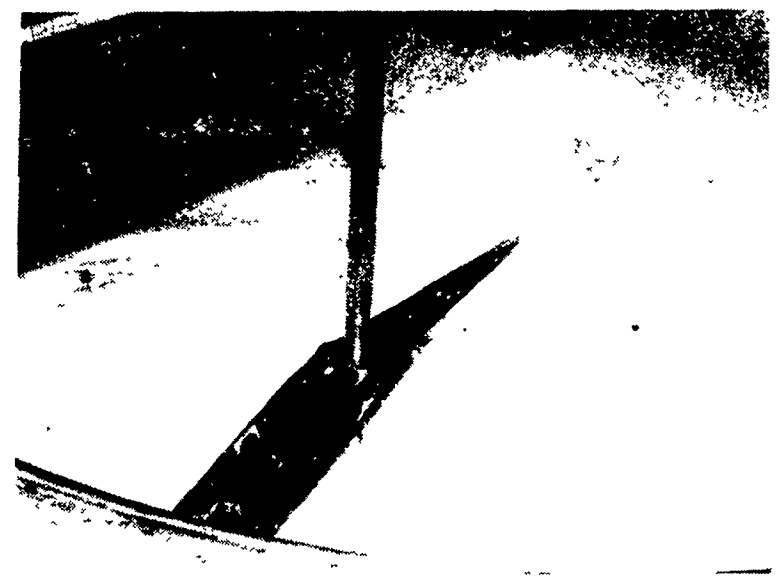

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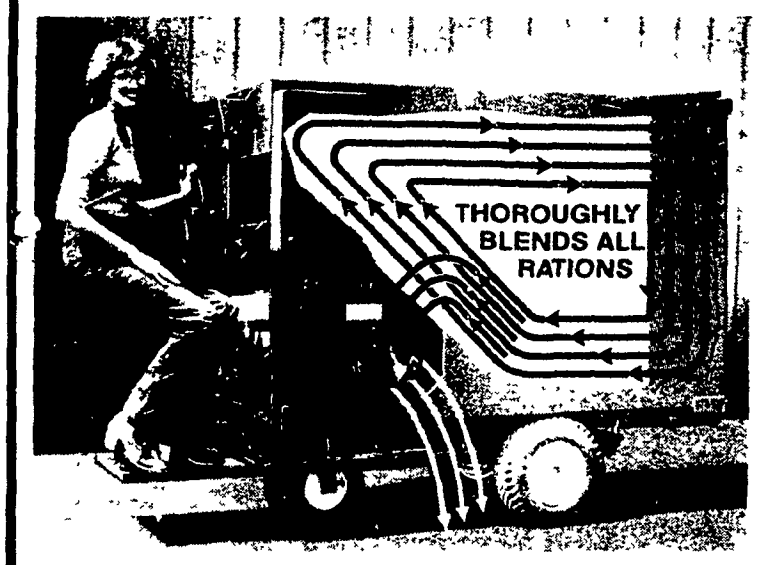

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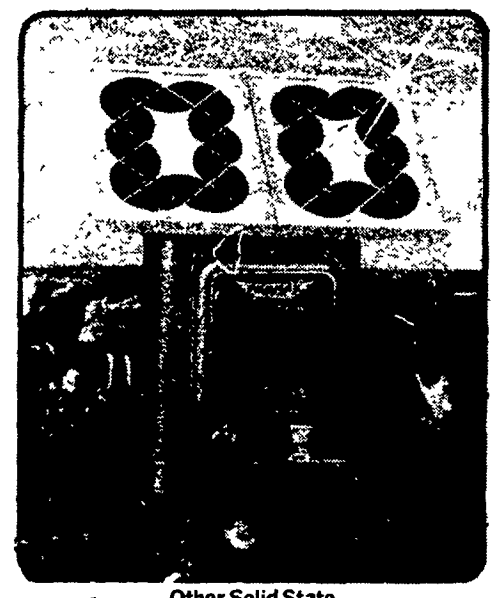

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Mrs. Leroy Campbell mixes dozens of eggs at Wood Dairy in preparation for Guernsey Ice Cream Social.

Guernsey ice cream

(Continued from Page A33)

Six hundred gallons of mix were made which yielded 1184 gallons of ice cream. When the process was completed the milk was taken to a nearby plant to be frozen for Friday's event.

Women in the Association baked hundreds of cakes, tables and chairs were set up and then it was time to work the serving line. Membership in the Mercer/NW Pa. Guernsey Breeders Assoc. numbers under 30, but with family members and Mercer 4-H County Council youth there is always plenty of help to serve the seemingly never-ending line.

The weather was perfect - not too hot, not too cold - and although there was no official tally Friday, it was decided by the officers that "over 4,000 were served". This is not the most ever served. In 1981, approximately 4800 people tasted Golden Guernsey homemade ice cream at the annual social.

The proceeds from this enable the Guernsey Breeders to give awards to 4-H and FFA youth who show Guernseys and also help members with classification expenses.

If anyone was unable to attend the social this year - keep in mind it is always the second Friday evening in July. The Association has quite a record to boast about – the social has never been rained out!

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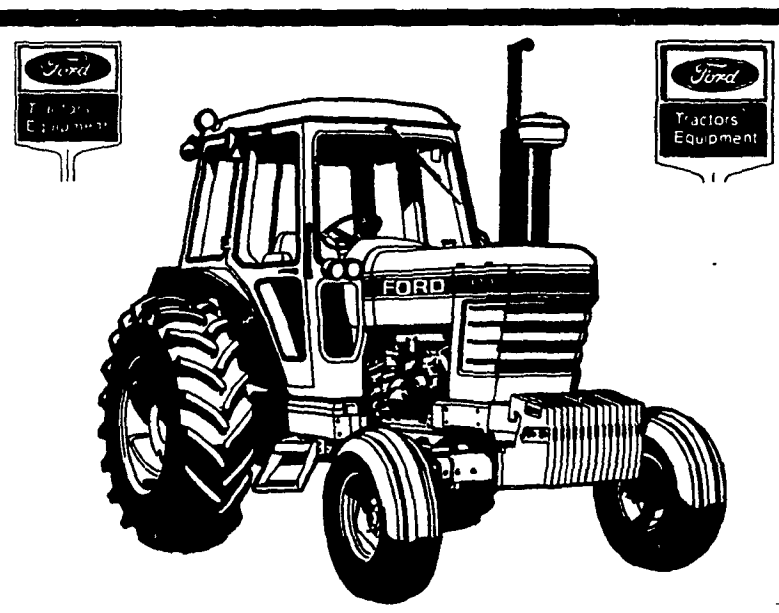
Hershey School Farms 9 a.m. - 4 p.m. July 19



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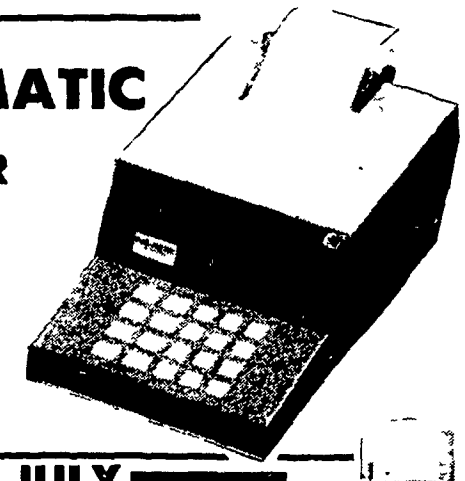

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Junior members taking individual first-places at York Livestock Judging Invitational are, from left, Scott Hazlett, Centre County; Joann Rishel, York County; and Susan Wenger, Cumberland County.

York youths

(Continued from Page A32)

invitation judging event. In attendance was a total of 45 junior members and 53 seniors. Entrants judged two classes each of beef, sheep and swine, and presented oral reasons on three of those classes.

Officials for the annual contest were Lester Burdette, livestock specialist and Matt Parsons, swine specialist, both from Penn State, and Brenda Werner, Hanover, a former York County 4-H judge and high individual in the 1982 national collegiate contest in Louisville, Ky. Co-chairman for the judging invitational were York 4-H livestock leader Bill Holloway and extension agent Tony Dobrosky.

Results include:

High Juniors

1 Susan Wenger, Cumberland, 2 Emily Weaver, Lancaster 3 Kerri Kohr York

Beef

1 Susan Wenger Cumberland 2 Joe Garber, Lancaster 3 Jesse Ruth Bucks

Sheep

1 Scott Hazlet Center Joe Garber, Lancaster Denise McMahon Montgomery

Swine

1 Joann Rishel York, Connie Hoover, York 3 Bill Scott Bucks

Junior Teams

1 York Co Kerri Kohr Joanne Rishel, Greg Bankert 2 Lancaster Co Emily Weaver Joe Garber Jennifer Wolgemuth 3 Chester Co Cathy Hawthorne Kurt Barrett Danny Soulliard

Senior

1 Melissa Trostle York 2 Rod Stoltzfus Chester 3 Bob Livingston York

Team

1 York Melissa Trostle, Bob Livingston Bill Wise 2 Chester Rod Stoltzfus Glenn Stoltzfus Betsy Colket, 3 Lancaster, Chris Chapman Jan Waltz, Fritz Frey

Reasons

1 Bob Livingston York, 2 Chris Chapman Lancaster 3 Betsy Colket Chester

Beef

1 Rod Stoltzfus Chester, 2 Melissa Trostle York, 3 Glenn Stoltzfus Chester

Sheep

1 Bill Wise York 2 Rod Stoltzfus Chester Melissa Trostle York

Swine

1 Seth Gruber Lehigh 2 Doug Howe Chester Carol Ginder, Lancaster

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Burgard's career

(Continued from Page A32)

The reserve champion pair winners weighing in at an average of 225 pounds each, were among the project entries of Kristine Miller of York R10. Hatfield packing was again the successful bidder, at 55 cents per pound for the pink ribbon winners.

Other buyers of first place entries included Ray Mummert, Brodbecks, and Clark Thomas, Shrewsbury. Total monies generated by the roundup sale came to $7,059.15.

Average price for the 50 head in the roundup, including the champion prices, was 63 cents per pound. Without the champions, price averaged 61 cents per pound.

During the show prior to the sale, two exhibitors earned awards for their fitting and showmanship abilities.

Gary Burgard was selected the champion showman, with Brian Bankert earning the reserve champion title. Champion fitter was Mindy Spahr, who topped the reserve fitter Kristine Miller.

Judge for the afternoon roundup was Henry Gruber, of A & B Packing Company, Allentown.

A list of roundup winners follows:

Class 1
1 Dana Holloway, 2 Brian Bankert 3 Melissa Trostle

Class 2
1 Dana Holloway, 2 Morris Spahr, 3 Mindy Spahr

Class 3
1 Tim Ferrence 2 Greg Bankert, 3 Kristine Miller
Champion Dana Holloway Res Champ Morris Spahr

Class 4
1 Mindy Spahr, 2 Dana Holloway 3 Marcy Spahr

Class 5
1 Dana Holloway 2 Gus Parlett 3 Kristine Miller

Class 6
1 Kristine Miller, 2 Mike Burgard, 3 Gary Burgard

Class 7
1 Mike Burgard, 2 Dana Holloway, 3 Kim Ferrence

Class 8
1 Mike Burgard, 2 Gus Parlett, 3 Mindy Spahr

Class 9
1 Mike Burgard, 2 Gary Burgard, 3 Tim Ferrence
Champion, Mike Burgard Res Champion Mike Burgard
Grand Champion Mike Burgard Res Grand Champion Mike Burgard

Light Weight Pair
1 Minday Spahr 2 Dana Holloway 3 Melissa Trostle

Medium Weight Pair
1 Gus Parlett, 2 Kristine Miller, 3 M Burgard

Heavy Weight Pair
1 Tim Ferrence
Champion Pair, Gus Parlett Res Champ Pair, Kristine Miller

Senior Sitting
1 Mindy Spahr, 2 Tim Ferrence, 3 Mike Burgard

Inter Fitting
1 Morris Spahr, 2 Gary Burgard

Junior Fitting
1 Kristine Miller 2 Kim Ferrence 3 Monica Spahr
Champion Fitter, Mindy Spahr; Res Champion Fitter, Kristine Miller

Senior Showman
1 Brian Bankert, 2 Melissa Trostle, 3 Mindy Spahr

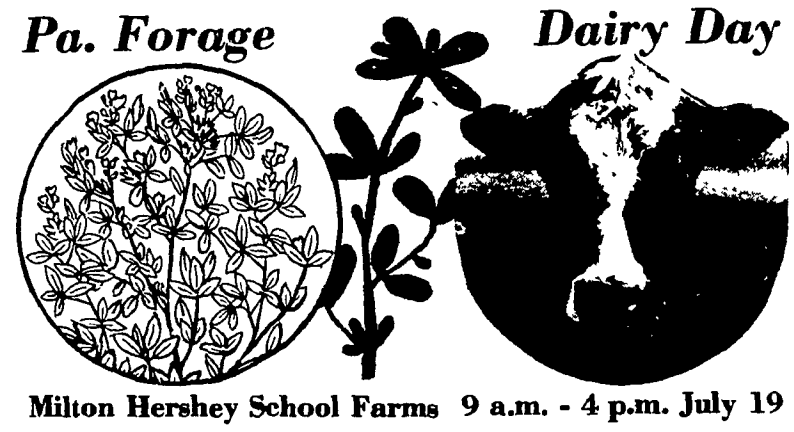
Inter. Showman
1 Gary Burgard, 2 Gus Parlett, 3 Morris Spahr

Junior Showmanship
1 Gred Bankert, 2 Kim Ferrence, 3 Kristine Miller
Champion Showman, Gary Burgard Res Champion Showman, Brian Bankert

Final bid of $2.05 per pound for reserve champion of Mike Burgard was made by Rick Doyle, of Ron Bradley Realtors, Inc.

Mindy Spahr won the York 4-H Roundup champion fitter honors; while Gary Burgard was selected champion showman.

Pa. Forage Dairy Day



Milton Hershey School Farms 9 a.m. - 4 p.m. July 19

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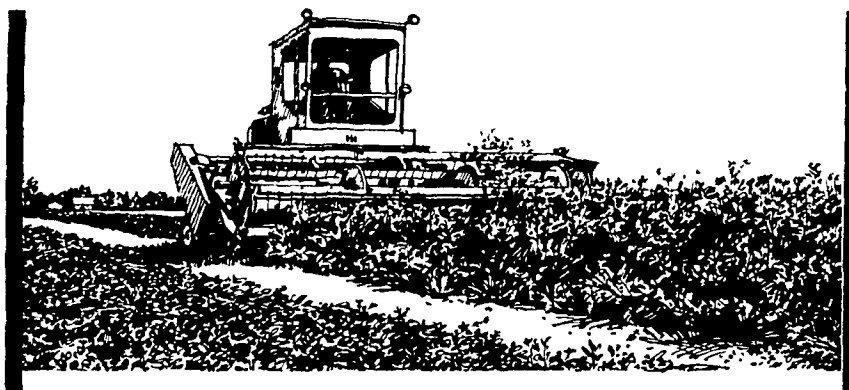

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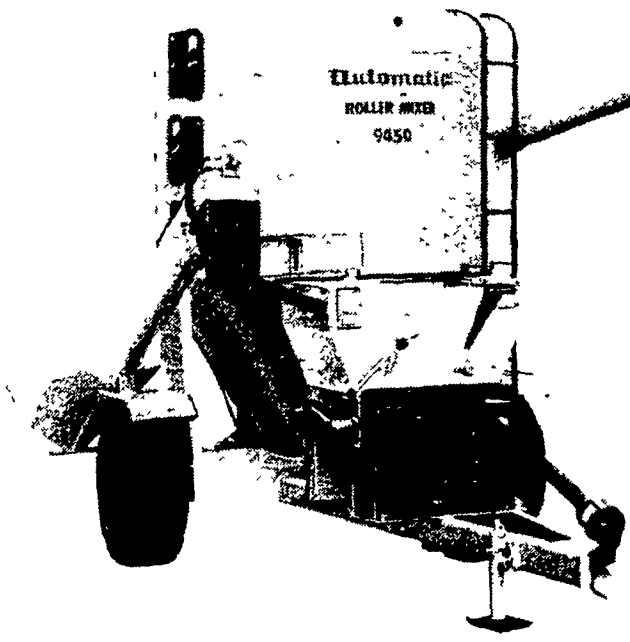

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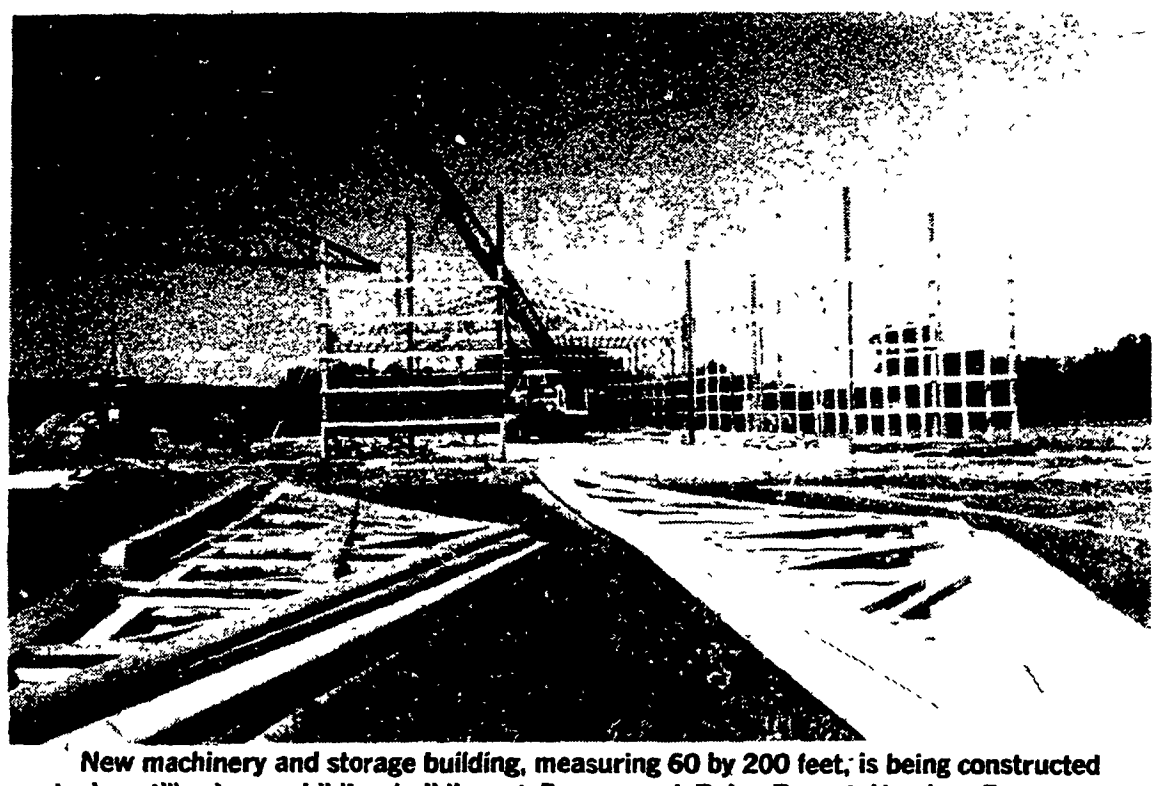

New machinery and storage building, measuring 60 by 200 feet, is being constructed to be utilized as exhibitor building at Forage and Dairy Day at Hershey Farms on Tuesday.

Pa. forage/dairy day

(Continued from Page A1)

For the fertility study, Dugan said, another alfalfa plot has been divided into four sections, each receiving its own treatment. One section, serving as the control, has received no fertilizer.

The second section has been treated with liquid dairy manure, the third with manure and a maintenance fertilizer applied in the fall, and the fourth has received just the maintenance fertilizer, he said.

The maturity plots have been planted and harvested to show the various stages of alfalfa growth and cutting intervals. These include: full bloom; 45-day interval; 35-day interval; 30-day interval; and 22-day interval, Dugan said. Results of the 1981-82 variety trials at Penn State for 34 different alfalfas will be outlined.

The dairy topics will focus on cow nutrition, management, and reproduction. Em-Tran, Inc., of Elizabethtown, will demonstrate embryo transfer techniques in two separate shows, Dugan said.

Mini Hay Auction

A special attraction of Forage-Dairy Field Day will be a mini hay auction, with hay for sale from area farmers. Each load will be sampled for quality and analyzed by the NIR unit, and the results will be posted on each load. The hay will be auctioned off on the basis of its chemical and visual evaluation.

In addition to the mini auction, agri-business and educational displays will be set up in a newly contructed machinery shed. The shed, built by Morton Buildings, of Gettysburg, was completed in a week and is a 60' x 200' structure. Machinery will also be on display and refreshments will be furnished.

The purpose behind Forage-Dairy Field Day is to get back to the basics of education, Dugan said, and to utilize this education to increase production and better management skills.

Machinery use will be limited to the Pioneer plot sampler and a Hershey haybine. Exhibitor's new machinery will not be demonstrated.

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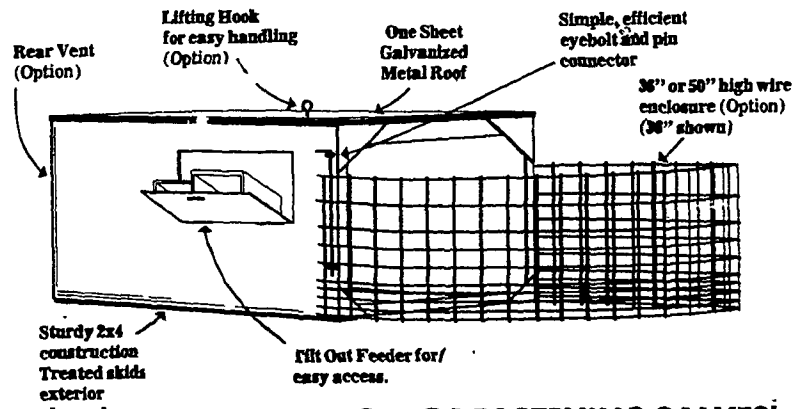
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Laura England

(Continued from Page A1)

Altoona Collegian, was a member of the Campus Executive Council, and was scorer-statistician for the campus wrestling team. She received the Eric A. and Josephine Walker Award for leadership and service.

During her remaining two years at the University Park Campus, Laura was involved in a number of student activities and was named a runner-up in the College of Agriculture Outstanding Senior contest. She was editor of both the Ag Activator and the Penn State Dairyman, the Dairy Science Club's annual yearbook and program of events for the Dairy Exposition.

Other activities included: the Ag Student Council; Dairy Science Club; the Collegiate FFA; Coaly Society; Alpha Tau Alpha; Delta Theta Sigma Fraternity; Lion Ambassadors, the university student alumni corps; and Parmi Nous, an all-university senior honor society.

A daughter of Mr. and Mrs. William England of Williamsburg R1, Laura has been involved in the operation of the family dairy farm.

The Englands, named Blair County's Farm Family of the Year in 1981, milk 150 Holsteins three times daily and raise an additional 150 cattle on their 311 acres.

Growing up on a farm encouraged Laura to participate in several youth-related activities. She was involved in 4-H and carried projects in dairy, sewing, the county exchange program and attended the Pennsylvania Association of Farmers Cooperatives summer institute. She was a member of the FFA and in 1979 received the state Keystone Farmers Degree. Also in 1979, she helped to promote the dairy industry by serving as the Blair County Dairy princess.

Laura's major responsibilities at Lancaster Farming will be to cover livestock production and areas of diversified agriculture.

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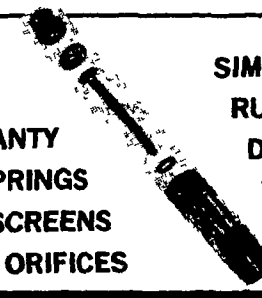

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Legume

(Continued from Page A24)

physiological characteristics, tolerance to stress factors such as disease, insects, weed competitiveness, high or low moisture levels, and abnormally excessive field traffic.

The research found that in strip tilled interseeding systems of field corn and soybeans, the White Dutch variety of clover worked better than any of the forage clovers. This was due to its high tolerance to excessive field traffic.

"Choosing the correct variety of legume for your growing conditions is most important. For northern areas, a cold tolerant variety, which will not freeze out during the winter months, is essential," says Hofstetter. "Use varieties which best fit your needs and rotations. For recommendation of varieties in your area, contact your county or state extension agent.

"A soil analysis should also be done prior to seeding," Hofstetter recommends. "Apply lime, phosphorous, and potash if needed. Lime should be applied approximately six months prior to seeding, phosphorus and potash should be applied just prior to plowdown.

"Clovers do well within a pH range from 6.0 to 7.0. Alfalfas do best within a range of 6.5 to 7.0. Both clover and alfalfa use approximately 30 pounds of phosphorus per acre to make four ton yields. Nitrogen is not necessary for legume establishment."

Overseeding corn with clover not only protects the soil in winter, it also combats weeds and adds nitrogen when plowed under in the spring.

The potential for this type of overseeding for reducing nitrogen costs and herbicide costs, may help to draw more attention to organic cultural practices from the commercial farming sector. Certainly it is worth looking into, and perhaps as Jerry Webb suggests, there must be "a common sense rationale somewhere between the all-out, one-pass chemical farmer and the organic purist, that includes some pesticides, some fertilizers, some animal manure, some crop rotations, and some good old fashion soil management."

Rodale Research Center will conduct a Farmer Field Day August 10 with two sessions at 9:30 a.m. and 3:30 p.m. All persons intereseted in learning more about regenerative agriculture and organic cultural practices are encouraged to attend.

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9:30 A.M.

6 Mi. S. of Tamaqua, 1 Mi. off Rt. 309, close to Leiby's Ice Cream House. Watch for signs.

Oak comm. picture date 1894, Whistlers Mother print, Oak commode, crochet spread, Victorian sofa & chair, Pony Express mirror, stands, 7 Pc. Drexel Oak dining rm., Sec. sofa, Sofa bed, Recliners, TV, Stereo, 4x6 Karastan, 2 manual Organ w. petals, blankets, linens, valet, roll-a-way bed, elec. fans - heaters - sweeper, port. sewing machine, Choco. set, copper luster - Nippon - Noritake - Majolica - Etched & pressed glass pcs., dishes, cookware, lanterns, baskets, tinware, agate, banks, keys, cookie cutters, silver coins, sled, kerosene stove, carpenter & garden tools, Skillman saw, draftsman table, Gibson leaf mill mulcher, air pureifier, Berger Transit level w/tripod, etc.

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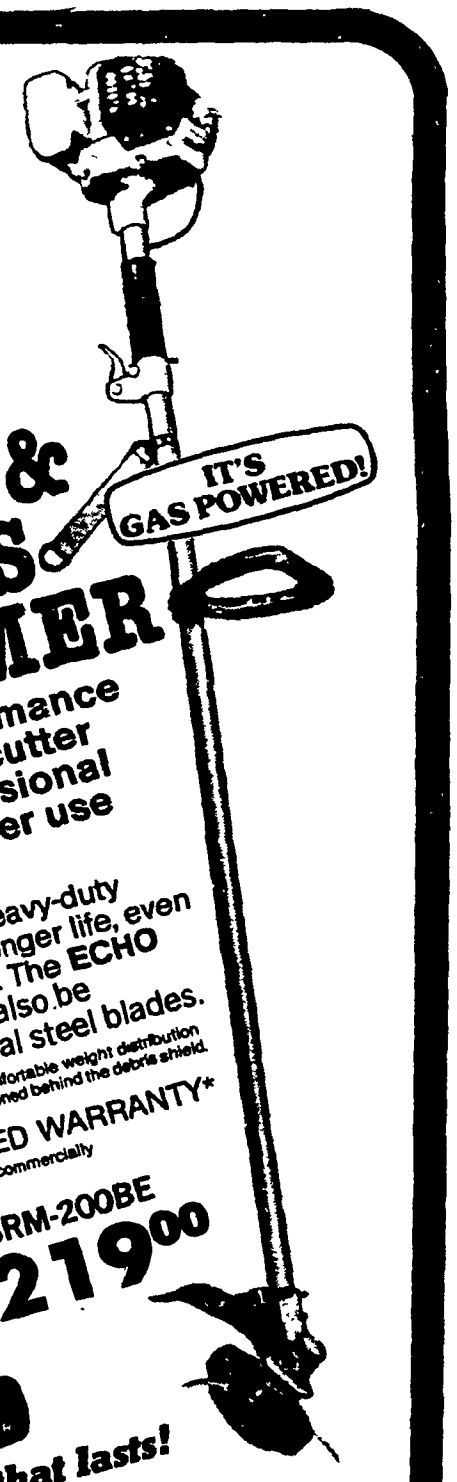

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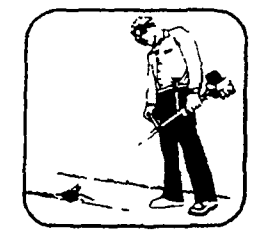

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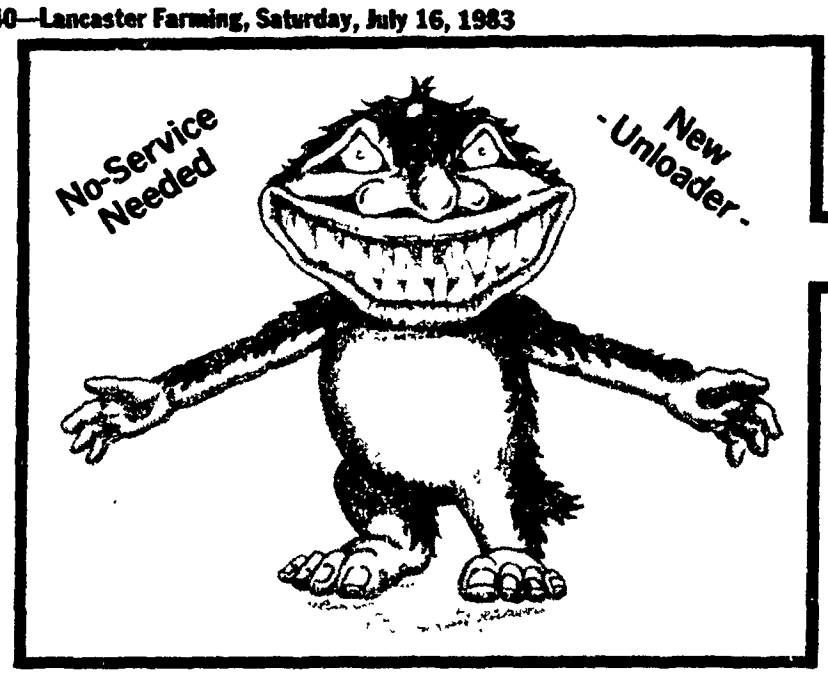

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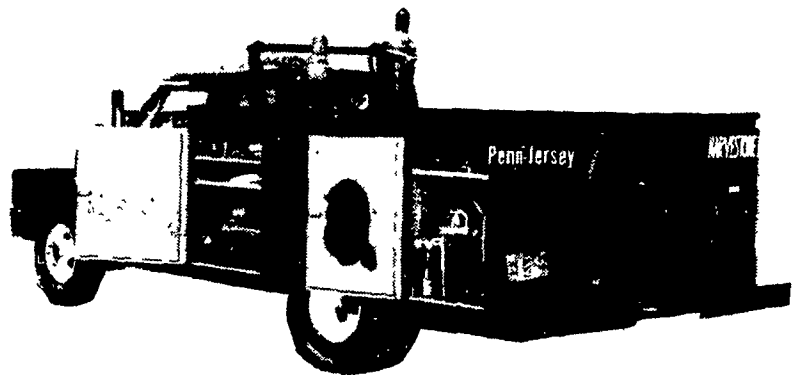

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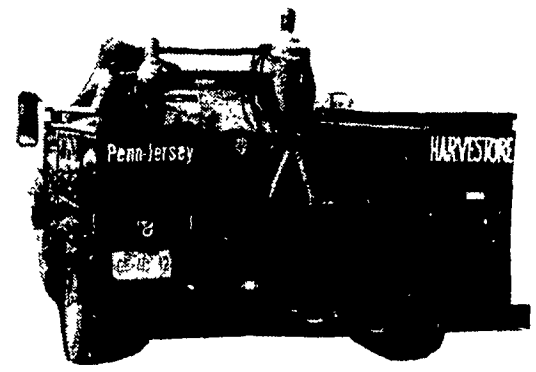

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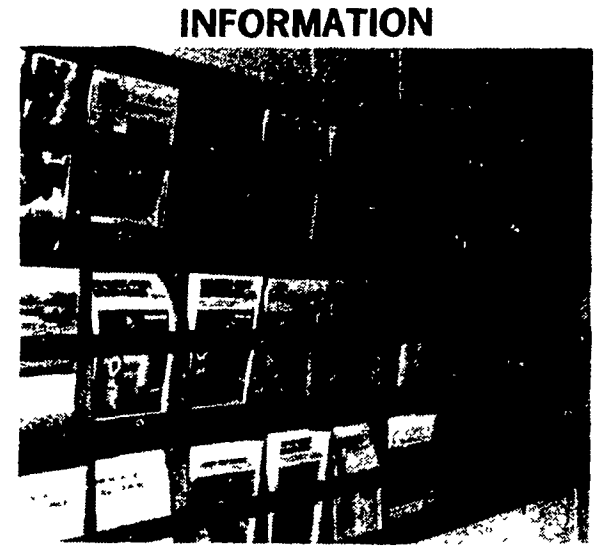

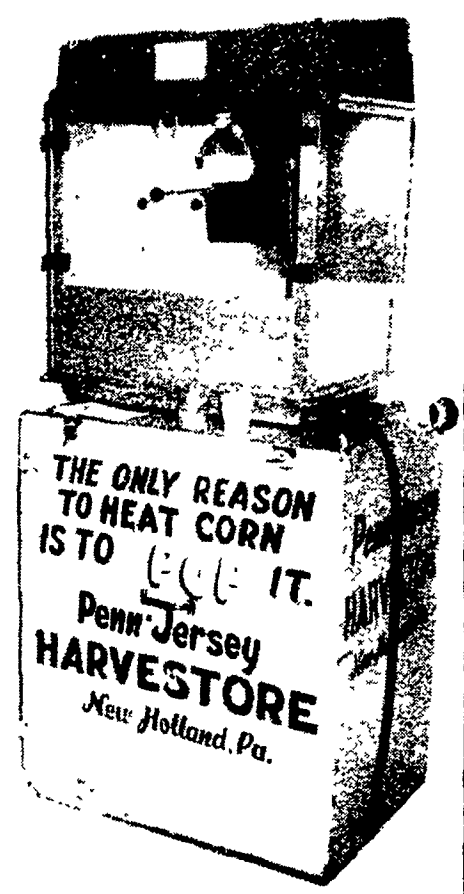

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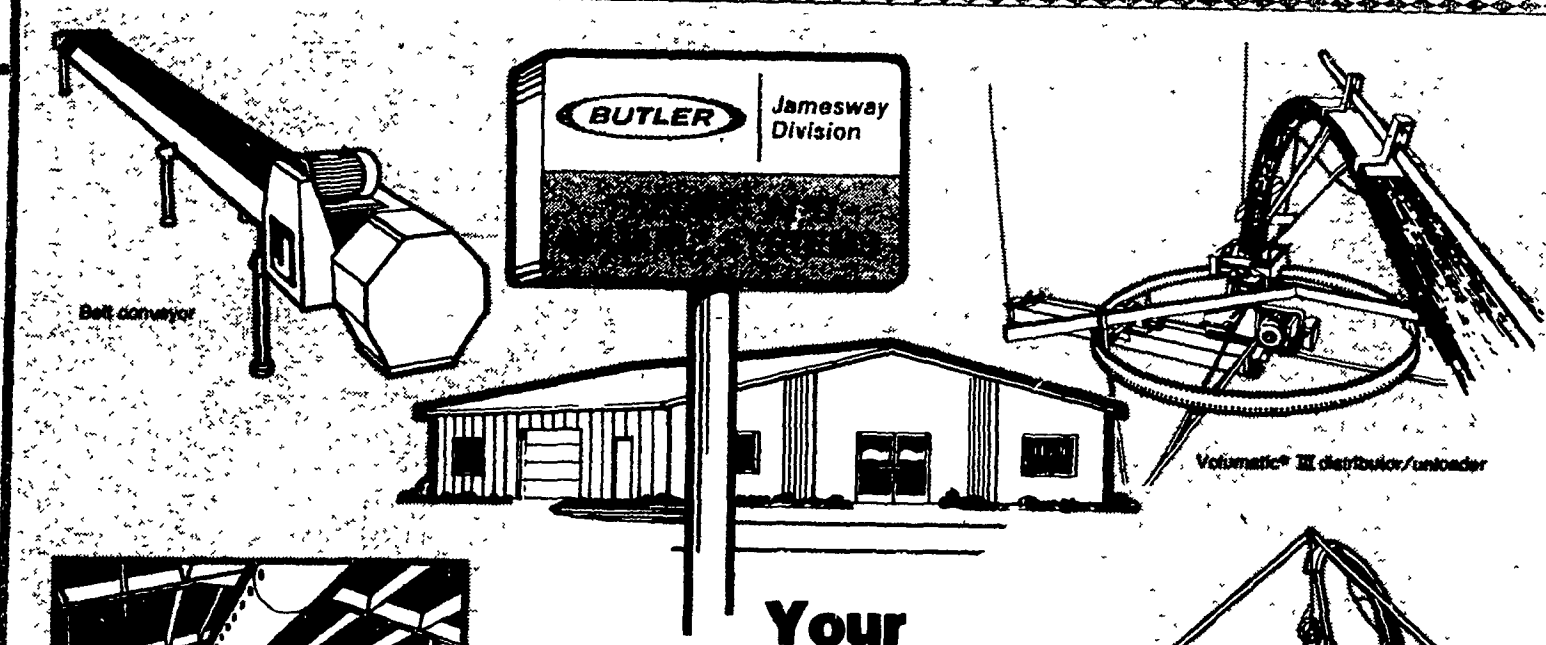

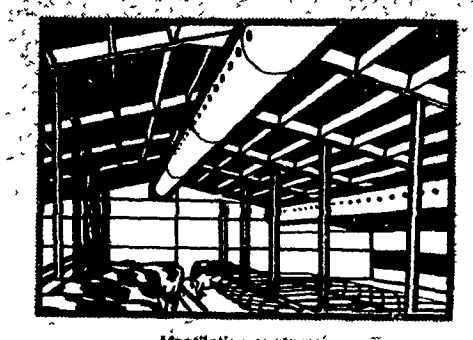
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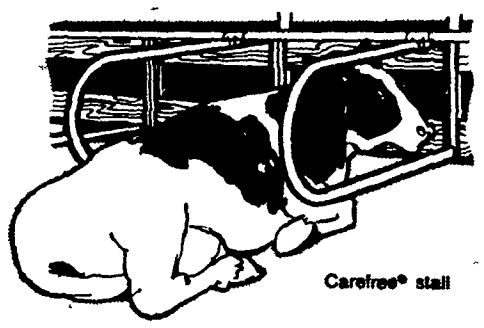
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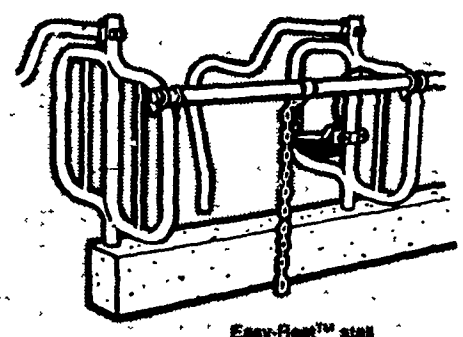
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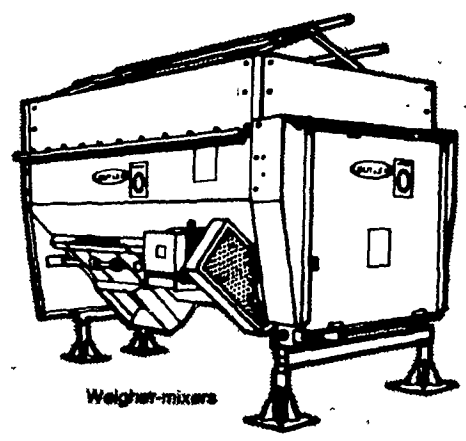
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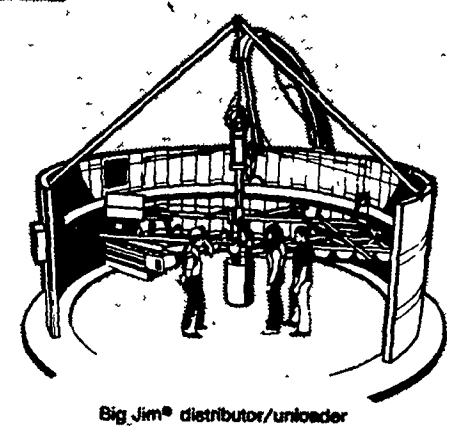
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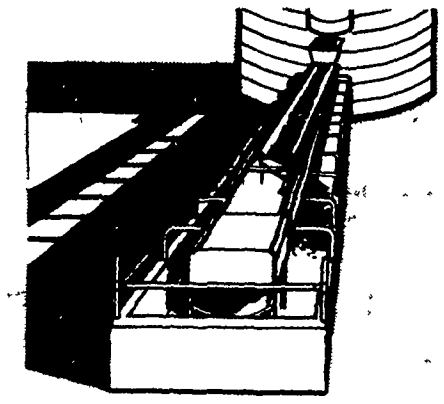
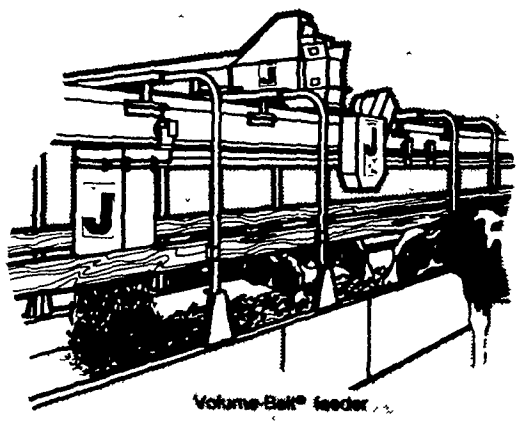
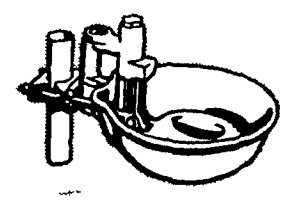

Convey-N-Feed™ feeder


Volume-Bale® feeder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Kathryn Spins Her Time Wisely

BY ROBIN PHILLIPS
Staff Correspondent

"I enjoy making people more knowledgeable if I can," states Kathryn Otto, who is currently building her life around that fact.

Kathryn is a third grade teacher with the Pine Grove School District, and the President of the Lebanon Valley Weaving and Spinning Guild, in addition to extensively pursuing her hobby - turned business of spinning, weaving, and raising Angora rabbits on a small farm on the outskirts of Lebanon.

True to her statement, Kathryn holds workshops and gives instructions and demonstrations on her craft, ranging from the plucking of rabbits, to the natural dying of wool, to spinning wool and Angora, and then on to the intricacies of weaving.

"I really enjoy that", she says of the many workshops she conducts.

Hailing from an "all-purpose" farm in western Pennsylvania, as Kathryn describes it, she relates that she never had sheep and did not even like them after a ram butted her over a fence when she was six years old. Although her interest in spinning and weaving was always in her, it wasn't until after college that she decided, "Boy, that would be neat to learn how to weave." Somewhat unusual, as Kathryn goes on to explain, was the fact that she learned to weave first and then decided to learn to spin the wool for her weaving projects.

She credits her proficiency at both to the basic course in spinning and weaving that she took at the Mannings Spinning and Weaving School, East Berlin, and advises anyone interested in the craft to go to a spinning and weaving teacher or school before investing in a wheel or loom. This way beginners will discover if they enjoy it or not without spending a lot of money on equipment.

"Weaving is very complicated," Kathryn explains, adding that both spinning and weaving take a lot of time and practice. With the prices of spinning wheels ranging from $75 to $350 and looms from $600 plus, Kathryn states, "I'd never suggest you buy a loom until you know what you're going to do with it."

"Learning takes time," Kathryn repeats and throughout the year she schedules various workshops for beginners. "Beginner spinners must worry about what their hands are doing, about what their feet are doing, and ... the tension," she explains.

She advises beginners to stay with the white wool instead of the natural-colored wools of different types of sheep. Natural-colored wools have a shorter staple length (a staple is the length of one strand of wool) and are a coarser wool to work with. This combination, a shorter staple and coarser wool, will pull apart easier during spinning leading to problems for many beginners.

As for weaving, which she also teaches, Kathryn states, "Your planning and setting up is half the battle." She adds that her students are surprised when one lesson on "dressing the loom, or putting on the warp" takes a whole day. The warp is the lengthwise threads on a loom.

Additional advice which Kathryn offers beginners is:

1. It is easier to spin or weave without shoes on, as the treadles are easier to feel and regulate in bare feet.

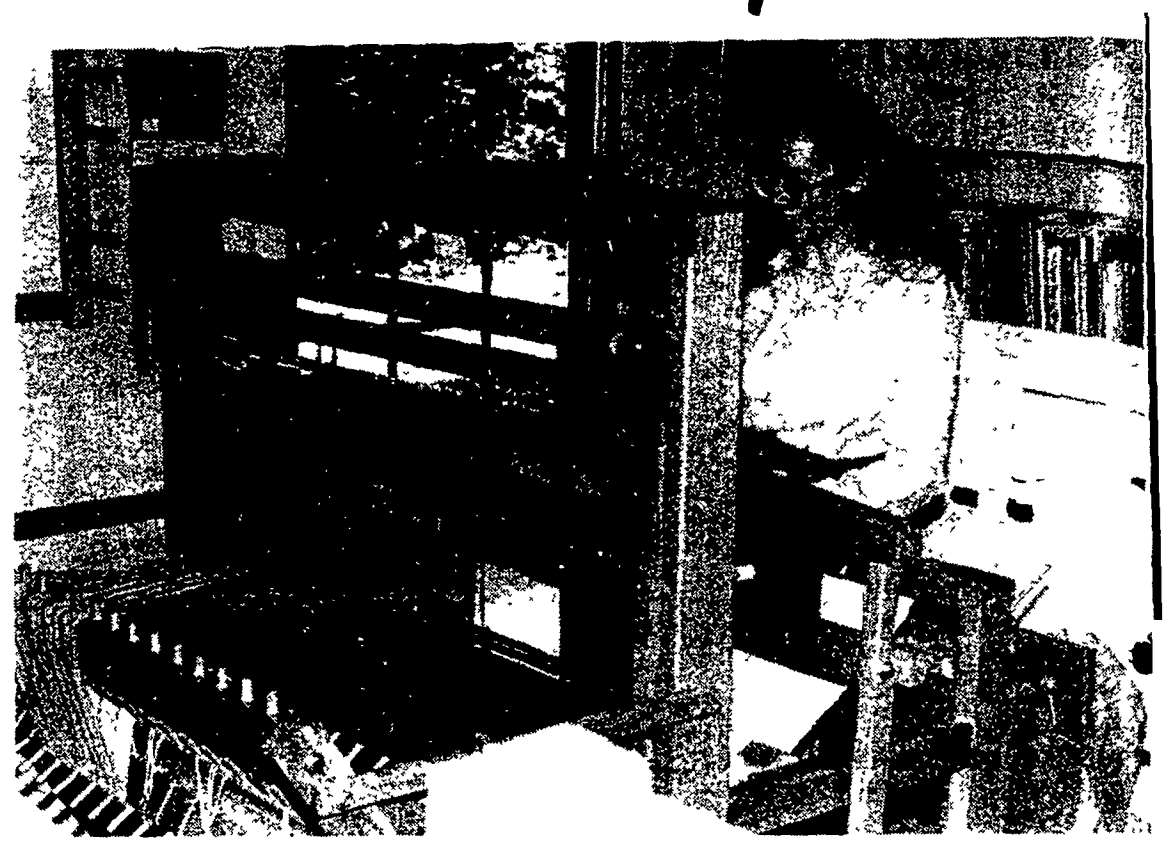
2. Choose the shuttle for weaving according to the weight of yarn to be used - thick, heavy, thin, limp.

3. Decide what type of wheel or loom you like to use best before you buy.

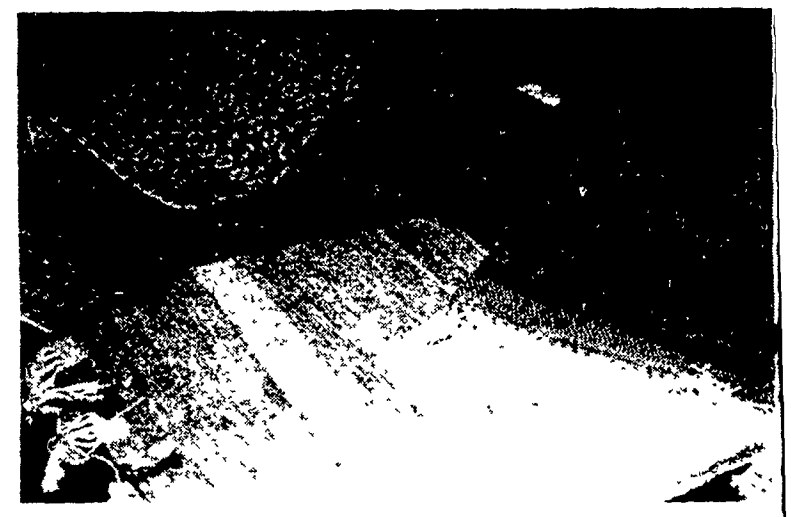
Kathryn currently buys her wool from neighbors. "You have to look for a clean fleece," she states. There is a great deal of preparation to be done with a fleece before it is ready to spin.

"People think you're just going to spin, but there's a lot of wool preparation," Kathryn explains.

"We were really fortunate when Amazing Acres opened," she said. Prior to the opening of this local wool processing shop, Kathryn either went to all the steps of carding her own fleece or sent it to New York. She also buys wool already carded from a shop in Philadelphia.



Kathryn uses a small room to house her equipment and as her workplace. The shuttle she is using is a ski shuttle.



One of Kathryn's projects is making rugs. Shown above are rugs that were each woven with a different technique.

Kathryn Otto enjoys spinning and weaving in her home. She also raises Angora rabbits and uses their fur to make decorations on her various projects.

Although she does use many natural colored yarns, Kathryn also dyes her own using natural ingredients such as onion skins and explains that the many shades of color come from the length of time the wool is left in the dye combination.

True to her teaching nature, Kathryn has taken her demonstrations into her classroom and has also offered mini-lessons for parents. Confessing that most of this idea was to benefit the Lebanon Spinning and Weaving Guild with promotion and more members, Kathryn says that her third graders really enjoyed it. She demonstrated the cleaning of the wool, dyeing, spinning, and weaving, and let the children try for themselves.

"It was usually a disaster," she said of the children's attempts, "but some usually get it." She also gave each one a booklet with wool terms in it, related pictures to color, and word search activities.

After her demonstrations were completed with the third graders, she invited the public in the school district to limited mini-lessons.

"It just takes that certain type of person to be interested in it," she explains, adding she was looking for more people to join the guild and join in their promotional and educational activities.

The type of person that lets no free time go wasted, Kathryn has expanded her spinning to include angora yarn, and since angora is very expensive, she raises her own rabbits.

"The rabbits evolved from my spinning," Kathryn states.

She explains that after she saw an article in a magazine about two women raising these rabbits, she realized that "this would be for her", since they do not have to be killed, and it does not take a lot of land. She wrote to these ladies, and soon afterwards, purchased several pedigreed rabbits from Bechtelsville.

"A little Angora goes a long way," Kathryn explains. She plucks her rabbits about every three months and sells some of angora. The rabbits are also included in many of her demonstrations.

Explaining that "Angora is trickier to work with than wool," Kathryn compares it to spinning silk. "It needs body," she says, and mostly uses it in her projects as "accents" such as the flowers in a sweater. She enjoys working with the Angora, but states, "Some days it will work for you, some days it won't."

She cautions against using any type of fabric softener on angora since it gets fluffy from static, and you want it to be light and fluffy. She adds that angora is seven times warmer than wool and shows off in a sweater beautifully.

"A well-plucked, well-spun, angora sweater shouldn't shed for you," Kathryn concludes, stating that this was one of the disasters of the angora market.

"You can do anything with handspun yarn that you can do with commercial yarn," states Kathryn as she continues her promotion for her craft.

She also reminds us that National Spinning and Weaving Week is the first week in October and the theme this year is "Spin your time wisely".

Kathryn schedules her workshops in the spring and fall each year, and anyone interested in the guild or lessons can contact Kathryn at her home, RD1, Box 1595, Jonestown.

Kathryn and her husband are currently planning a new home complete with a spinning and weaving studio in the Lebanon area, and kathryn plans to expand her "hobby, turned business" and also her rabbit stock. In the immediate future, Kathryn says, "I think I'll start into more spinning," and plans to spin enough to knit something.

"Spinning her time wisely" between her teaching career and her beloved crafts, this dynamic women gives positive promotion and education on these colonial crafts that can be greatly valued in today's society.

Homestead Notes

BONANZA

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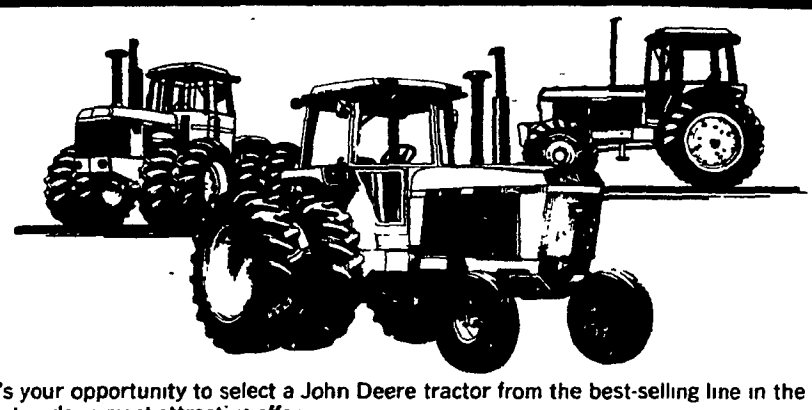

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60-hp 2440	525
50-hp 2240	350
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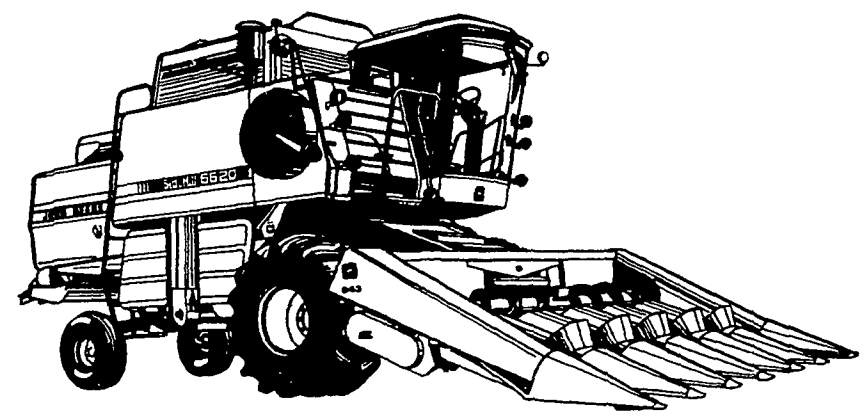

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In addition, if could be to your advantage to buy this year so you can earn tax savings from Investment Tax Credit (ITC) and depreciation. It's something to consider.

Consider leasing a new combine, too, with discounted lease payments comparable in value to waiver of finance charge.

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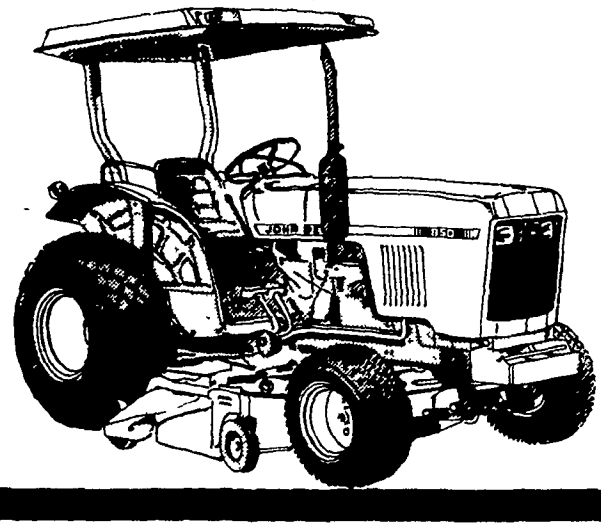

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* Maximum PTO hp at 2600 engine rpm for 650 and 850, 2400 engine rpm for 750, 950 and 1050; 2500 engine rpm for 1250. All ratings by official test, except for 650, 750 and 1250, which are factory observed

On being a farm wife -And other hazards

Joyce Bupp

Farming, the statisticians report, is now one of the most dangerous occupations of all. Dairy and livestock farmers, who deal with four-legged-friends on a daily basis, hold the dubious honor as the most endangered in this dangerous profession.

A couple of the beasts in residence here seem intent on adding my name to the list of endangered species, or better yet, just a number on the casualty listings.

We call them "domesticated," but it's just amazing how "undomesticated" animals can be, given the right set of circumstances.

Like the newborn calf, for one.

Born out in the pasture, she was the offspring of one of those ultra-sneaky cow types that somehow managed to outwit several regular checks on the maternity candidates, and delivered her baby somewhere out in the distant pasture corners with no help from us, thank you.

Recaptured to domesticated status at one day of age, the calf, which stands a bare two feet high and maybe weighs 70 or so pounds, had other ideas about being "tame". She boasted the swiftness and cleverness of a deer, agility of a monkey and temper of a mother grizzly separated from her cubs.

Enter into her tiny presence one farm wife, uttering soothing words of endearment and bearing gifts in the shape of a calf-feeding bottle filled with warm, comforting milk.

Exit...one farm wife, bearing hoof marks on her elbows and bruised thighs from the rodeo with this little addition, which pawed the straw, bawled like a bull moose and charged from the other side of the calf nursery pen.

In spite of the circus, the calf eventually took the bottle and gulped the contents down with seemingly great relish. Between trying to climb the walls and wreck the caretaker, that is.

By the following feeding, a periodic pen cleaning had been undergone. Curled up in a corner, seeming to be in a trance, the newborn pouted by herself at the circumstances into which fate had thrust her. Nevertheless, she again gulped down the milk, but totally ignored everything else around her.

This went on for several feedings, and this farm wife figured the infant was well on her way to calfhood tranquility.

Lulled into such complacence, the attack from this little calf at the next feeding was unexpected, as the pawing of the straw, loud bawling and charging at the legs got a rerun.

Laughing at her must have made her angry. She's since given up such nonsense, and promises to become a right friendly little critter.

Meanwhile, the bantam brigade has undergone a population egg-splosion, and I nearly stepped on one white hen squatted on a nest in the alleyway near to the feed barrel.

With a flash of sheer stupidity, I proceeded to gently check under the hen to see how many additions she was responsible for in the booming hatch.

A pound and a half of feathered dynamite came at me like a dive bomber, time after time, until I finally turned tail and literally fled the alleyway.

She had three babies.

But we now know that biggest chicken on the place is the two-legged one who almost lost her kneecaps in the squirmish.

Botulism Can Be Prevented

LANCASTER — Food and drug companies take a lot of care to be sure the products they put on the market are safe. You should use the same care in your home canning. Never use untested canning recipes or unrecommended canning methods when processing your home-grown food, says Greta C. Vairo, Extension Home Economist with the Penn State Extension Service.

A recent increase of botulism cases has resulted from unsafe home canning methods and recipes. Between 1899 and 1949, the average number of outbreaks of botulism per year was 7.5 Between 1950 and 1977, this number was 5.9, but 45% of those cases occurred between 1970 and 1977. In the years from 1978 to 1980 the average number of botulism cases per year was 10.3. Most of those outbreaks came from canned peppers and untested canning recipes (so-called home specialties). Only five botulism deaths since 1940 can be attributed to commercially-processed foods — a remarkable record since more than 900 billion containers of canned food have been consumed since then.

Improper canning techniques that contribute to botulism include the use of asprin, oven processing, open-kettle heat processing for some foods, boiling-water methods for low-acid vegetables, meats and seafood, and sterilizing food for too short a time in pressure cookers.

Other factors which occasionally have contributed to botulism outbreaks include: failure to clean old jars thoroughly before reuse; canning over ripe, uncleaned or unpeeled vegetables; packing food too tightly in jars; failure to exhaust a pressure canner sufficiently; not controlling processing time accurately due to poor eyesight or carelessness; failure to use a timer or to keep records of canning time; loss of power source; and trying to do too many "inventive" or other things while canning.

Cases have also been caused by the use of new, untested recipes. Most of these failures are the result of human error and can only be prevented if you take care to do the job right.

Take care to make sure you are using sound food, safe recipes and proper methods for each type of food before you can.

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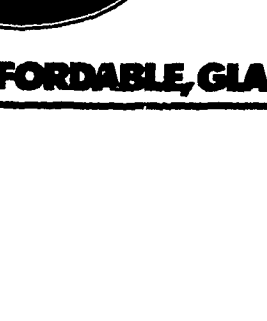

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Certain jar lid brands cause problems

MEDIA — While shopping in your local supermarket, you find boxes of canning lids on special, but you don't recognize the brand name. Are they good to use? "No," says Greta C. Vairo, Delaware County Extension Home Economist. Only three brands of jar lids are now marketed in the East — Ball and Kerr and Bernardin.

Other companies that manufactured lids several years ago have either gone out of business or are no longer producing lids. Lids from these companies still on store shelves are old and thus, not good to use. That's because gaskets on lids more than three to five years old often fail during canning, so even if you buy them at a bargain price, they may not be a bargain in use.

The three remaining companies, Ball, Bernardin, and Kerr, manufacture lids each year. When you see these lids on supermarket shelves, you can be sure they are newer and better to use.

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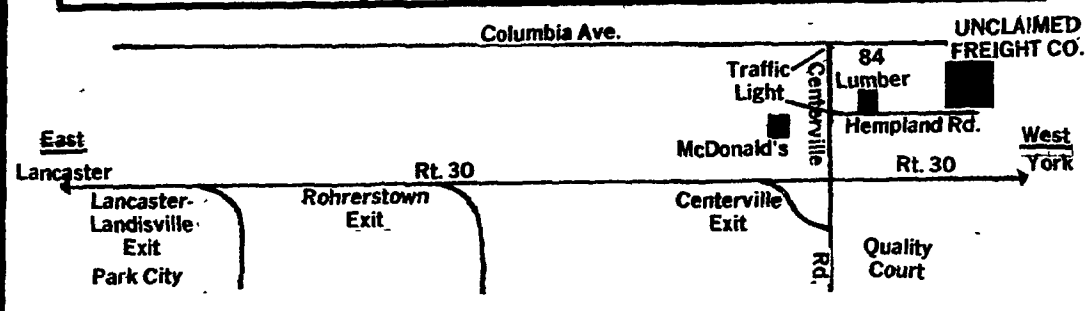

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The newest old-time craft

Candlewicking is a new revival of an old-time colonial craft. Although it sounds as though it's related to candle making, the craft actually is a form of embroidery.

In candlewicking, the stitcher works a design in knots on plain, unbleached muslin. Then, when the last knot is in place, the fabric is washed.

Washing shrinks the fabric and tightens the stitches. The resulting fabric is then turned into pillows, wall hangings or other craft projects.

In colonial times, women stitched their projects with leftover wicking threads. Empty flour sacks commonly were used for the backing.

Today's crafter, however, can find supplies at most craft, needlework or sewing shops. Special candlewicking thread is available almost everywhere and any unshrunk cotton fabric will do.

Here are directions for candlewicking:

MATERIALS: 100 percent unshrunk cotton fabric, preferably unbleached muslin; cotton candlewicking or other multi-ply cotton thread; water-soluble marking pen; scissors; needle; paper and pencil; iron; terrycloth towel. Optional: large embroidery hoop.

DESIGN: 1. Draw design on paper. 2. Lay muslin over paper. Using your water-soluble pen, trace design onto muslin. Draw dots instead of lines, spacing dots 1/8 to 1/4 inches apart, as desired.

STITCHING: 1. Position fabric in hoop. 2. Thread two strands of candlewicking through needle. Bring ends together and knot. 3. Working with four strands of thread, stitch one french knot as illustrated (a) for each dot in your design.

SHRINKING: Wash stitched fabric in cold water to remove pen marks. 2. Wash fabric in hot water to shrink. 3. Roll fabric in towel to remove excess water.

FINISHING: 1. Place fabric on towel, stitched side down. 2 Carefully press fabric until dry. 3. Frame fabric for wallhanging, stitch into a pillow, or turn fabric into anything desired.

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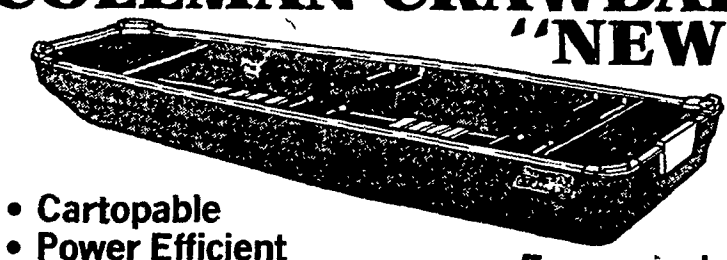

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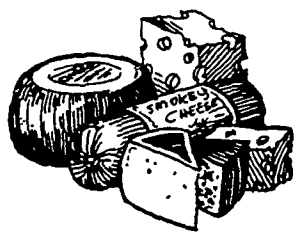
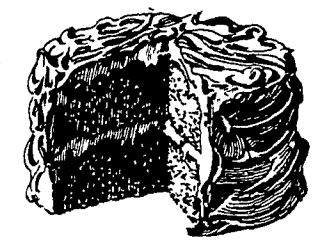


Home On The Range



Chicken Good Enough to Cluck Over

Chicken, a versatile dish that can be served many ways, is also low in calorie and high in nutrition. Colorful Diet Chicken, shown above, is one way to treat your family to a tasty, low-calorie, nutritous meal.

You can dress it up, dress it down, stuff it in a sandwich or toss it on a grill. It tastes great right in your kitchen and travels well for long-distance picnics.

What is this versatile food?

Chicken! And summer is one of the best times to enjoy it.

Whether you barbecue it, fry it or whip it up in a casserole, chicken promises to be one of your family's favorites. Even better, it is low in calorie and high in nutrition.

Chicken Salad

2 cups chopped chicken
1/2 cup mayonnaise
1 tablespoon lemon juice
1/2 teaspoon salt
1/8 chopped green pepper
1/2 cup white grapes
1/2 cup red grapes
1/2 cup celery
2 tablespoons toasted almonds

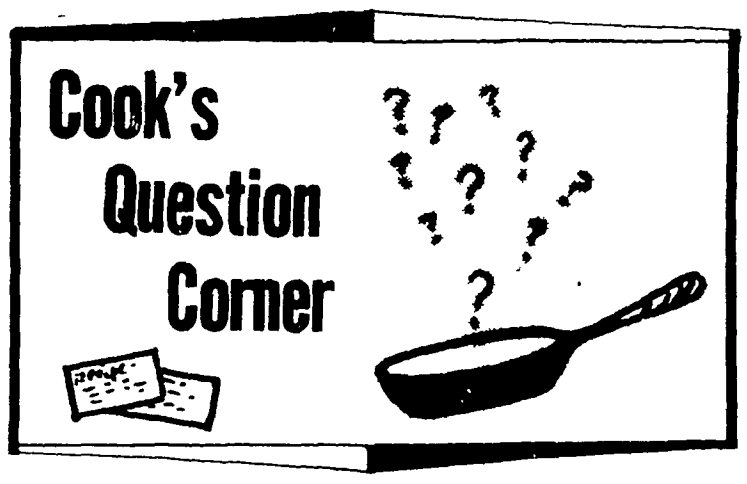
Mix all ingredients together, and serve on lettuce.

Thelma Garclak
Acme

Cheesy Crispy Chicken

12 broiler-fryer chicken drumsticks
8 ounces bottle blue cheese dressing
2 cups bread crumbs
1/2 teaspoon celery salt
1/4 teaspoon dill seed
1/4 teaspoon pepper

In shallow dish, pour blue cheese dressing. In another shallow dish, mix together bread crumbs, celery salt, dill seed and pepper. Roll chicken drumsticks, one at a time, first in blue cheese dressing; then in the bread crumb mixture. In large baking dish, place drumsticks in a single layer. Bake, uncovered, at 350 degrees for 30 minutes. Turn drumsticks carefully to avoid disturbing crust; return to oven for 20 minutes or until fork can be inserted with ease. Serve hot or cold.



QUESTION — Please provide a recipe for making a bread along the lines of "Hawaiian Kings Bread."

Ellie M.

ANSWER — In response to a request for a gooseberry recipe, Mrs. Stuart Keeney, R1 New Freedom, sent us this entry for gooseberry pie.

GOOSEBERRY PIE

3½ cups of gooseberries, stems and blossom ends removed
2 tablespoons quick-cooking tapioca
1½ cups granulated sugar
¼ teaspoon grated orange rind
2 tablespoons melted butter
pastry for a 2-crust pie

Wash and drain gooseberries. Add tapioca, sugar, salt, rind and butter. Let stand for 20 minutes. Line nine-inch pie plate with pastry. Fill with berry mixture, moisten pastry edge with water, put on top crust. Trim edge and flute. Cut vents for steam to escape. Bake at 425 degrees for 10 minutes, then reduce to 325. Bake 35 minutes more. Serve with whipped cream.

Recipe Topics

July
23 Vegetables are in season!
30 July is beef month.
August
6 Mouth watering Chocolate Creations

Colorful Diet Chicken

1 broiler-fryer chicken, cut in parts
1/2 teaspoon garlic salt
3/4 teaspoon lemon and pepper seasoning
1/2 teaspoon chili powder
1/2 teaspoon Italian seasoning
1 tablespoon minced onion
1 can 16 oz. whole tomatoes
2 cups broccoli flowerets

Spray large frypan with non-stick vegetable shortening and place over medium high temperature. Add chicken and cook, turning, about 10 minutes or until brown on all sides. Pour off and discard any pan drippings. Sprinkle chicken with garlic salt, lemon and pepper seasoning, chili powder, Italian seasoning and onion. Pour tomatoes over all and bring to a boil. Reduce heat to medium low and simmer, uncovered, for 15 minutes. Add broccoli flowerets, pushing them down in small amount of remaining liquid. Continue to simmer about 20 minutes, or until liquid is reduced, broccoli is tender and fork can be inserted in chicken with ease.

Chicken Breasts on Rice

1 can mushroom soup, undiluted
2/3 cup milk
3/4 cup long grain rice, uncooked
1 4 oz. can undrained mushrooms
1 envelope dried onion soup mix

Pour into 2 quart baking dish. Arange 2 split chicken breasts on top. Sprinkle with little paprika. Cover. Bake at 325 degrees for one hour. Uncover and bake 15 minutes longer.

Donna Lencoski
Latrobe

Chicken Supper

1 can chicken soup
4 oz. mushrooms
3 cups cooked chicken
3/4 cup cour cream
1/2 cup onion
1/2 cup celery
1 teaspoon salt
1 teaspoon Worcestershire sauce
1/8 teaspoon pepper

In a 1 1/2 quart casserole combine all above ingredients. Cover and bake at 400 degrees for 30 minutes. Drop your favorite biscuits on top and bake for 20 to 25 more minutes.

Black Hawk Farm
Pine Bush, N.Y.

Barbecued Chicken

1/2 cup flour
2 teaspoons paprika
1 teaspoon pepper
1/4 teaspoon dry mustard
3 teaspoons salt
1 cut up broiler or ground chicken

Mix dry ingredients well in plastic bag. Then dust chicken parts. Melt 1/4 pound butter in cake or roast pan. Place chicken in pan, not crowded. Bake at 350 degrees for 1 1/2 to 2 hours.

Irene Z. Burkholder
Bowers

Pita Punt

8 small lettuce leaves
4 rounds pita (pocket) bread, halved
1/2 pound white meat chicken roll, diced (about 2 cups)
1 cup sliced celery
1/4 cup sliced stuffed olives
1/4 cup creamy onion and chives dressing

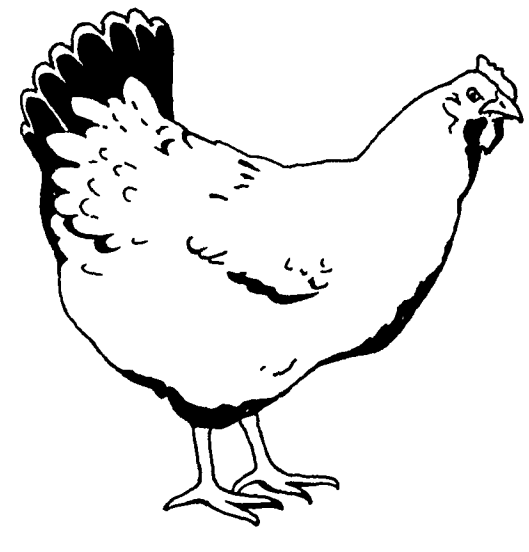
Arrange lettuce in pita halves. Combine remaining ingredients. Divide evenly among sandwiches.

Party Chicken

8 chicken breast halves, skinned and boned
1 4 oz. package of chipped beef
8 slices bacon
1 can golden mushroom or cream of mushroom soup, undiluted
1/2 pint sour cream

Cover bottom of augratin or flat baking dish (about 8x12x2) with chipped beef. Wrap each chicken breast with a piece of bacon and arrange on top of chipped beef. Mix soup and sour cream, and pour over chicken. Refrigerate until needed. Bake at 275 degrees for 3 hours, uncovered.

Mrs. Charles Biehl
Mertztown



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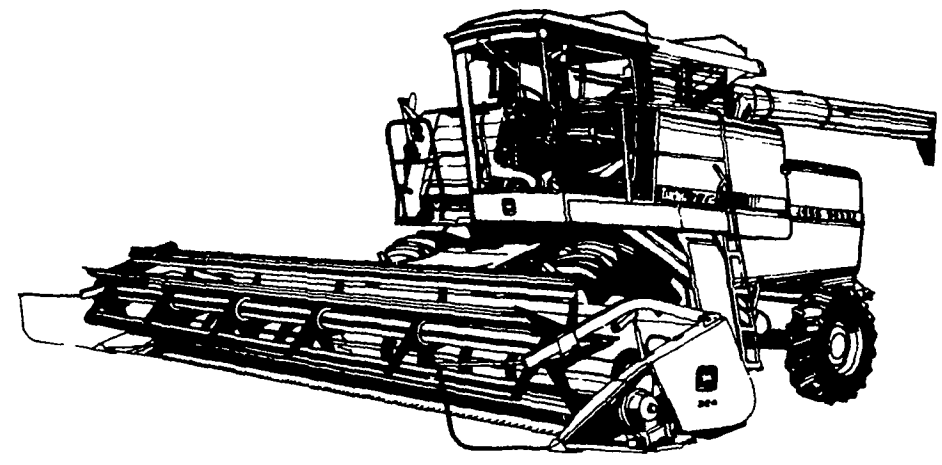

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

What To Do If Your Freezer Stops Working

If you have a freezer full of food you should have a plan to preserve it in case the freezer stops running because of power failure or mechanical difficulty. Here are some guidelines to follow if you should face such an emergency.

Keep the freezer closed. Open it only to remove food or to add dry ice. Try to determine how long the current will be off or freezer stopped and how long food will keep. The length of time food will stay frozen depends on:

—The amount of food in the freezer. A full freezer will stay cold longer than a freezer only a quarter full.

—The kind of food. A freezer full of meat will not warm up as fast as a freezer full of baked food.

—Temperature of the food. The colder the food, the longer it will stay frozen.

—The freezer itself. A well-insulated freezer will keep food frozen much longer than one with poor insulation.

—Size of the freezer. The larger the freezer, the longer the food will stay frozen.

If you have a locker plant in your area, see if you can make advanced arrangements to take care of food during an emergency. When moving the food to a locker plant or someone else's freezer, wrap it in plenty of insulation. Newspapers, blankets, or insulated boxes work well for this. Then take the food directly to the other freezer storage.

Your next best alternative is to add dry ice to the freezer to keep it cold. A five pound block of dry ice will keep an average size, full freezer cold for another 36 hours. Have the dry ice cut into thick slices. Don't try to cut it yourself.

Remember, dry ice must be handled with goves to prevent burns. Also keep in mind that as dry ice evaporates it gives off carbon dioxide gas. So be sure you have adequate ventilation when transporting or using dry ice.

Don't put the dry ice directly on the food. Place heavy cardboard or small slabs of wood directly on top of the frozen food; then load the dry ice. Close the freezer door and don't open it until it's time to replace the dry ice.

Invest some time on the telephone when you have no emergency to find out where you buy dry ice in case you should ever need to use it.

Once your freezer is back in operation, check your frozen foods carefully. Discard any food that has developed an off-odor or seems doubtful.

If foods are firm and have ice crystals, you can safely refreeze them. Plan to use them as soon as possible but don't expect the food to have the quality it had before thawing.

If meats are warm discard them. If they are cool (40°F or below) cook, then refreeze and use immediately afterwards. If they are partially thawed but have ice crystals, refreeze and plan for use as soon as possible.

Refreeze fish and shellfish only if they still have ice crystals.

Fruits and vegetables and cooked main dishes can be refrozen if ice crystals remain.

Baked goods can be refrozen unless they are made of fast-spoiling ingredients like custard or cream fillings.

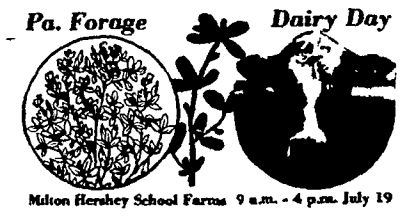
Thawed fruit pies should be reheated until filling is hot then used as soon as possible.

In-Store Salad Bars Gaining Popularity

Salad bars have been such a big hit in restaurants that supermarkets are now trying them. Within the last 2 years at least 18 supermarket chains in the Northeast have added salad bars. Customer reaction has been so good many claim that in-store salad bars will be the merchandising phenomenon of the 80's.

The supermarket salad bars are similar to what you'd find in restaurants. However, instead of paying one price for unlimited use, the supermarkets sell items on a price per pound basis, usually it's about two dollars per pound. The stores provide the containers, which range from single servers up to a large three and a half pound container for a family meal.

The number of salad ingredients varies from store to store, some offer only 12 items while others display more than 70 fresh and processed ingredients. Whatever is offered there are some "must have" items – such as tomatoes, cottage cheese, potato salad, cole slaw and, of course, lettuce. Some retailers offer the same items week after week while others will introduce new items weekly to give the display a different look. But for a lot of us just seeing a salad bar in a supermarket is enough of a different look.



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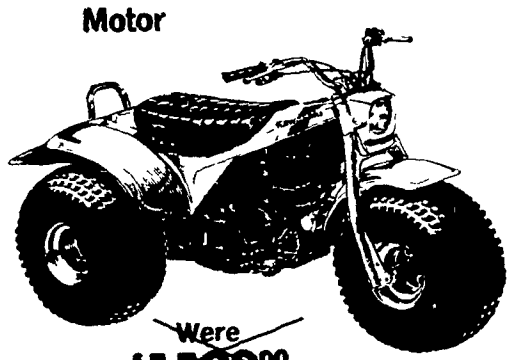

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Meabon named Erie princess

ERIE — Jodi Meabon, daughter of Mr. and Mrs. Donald Meabon, Wilson Road, North East, was recently crowned the 1983 Erie County Dairy Princess.

The new princess is a senior at Seneca High School where she is active in volleyball and basketball. She is a member of Beaver Dam Mennonite Church, Corry.

Wendy Edwards, daughter of Mr. and Mrs. Dennis Edwards, Corry, was named alternate. Wendy will be a senior at Corry Area High School.

The contestants gave a speech on "What it's Like to be a Farmer's Daughter."

Judges for the pageant were Ron kerr, Marion Alsdorf and Lisa Adams.

Jodi Meabon is crowned the new Erie County Dairy Princess by last year's winner, Kim Meabon.

Give plants enough water

MEDIA — Although rain has been plentiful lately, your plants may still need water, says Mary H. Meyer Delaware County Extension Service Horticulturist. When you put new plants in the ground, be sure to give them some extra water even if the ground is already moist and has been mulched. This insures that they will continue to grow successfully.

Summer rains don't always satisfy plants already planted, either. Often it rains so hard in the summer that the water runs off instead of entering the ground. Spot watering does not help these plants. It only encourages the plant's roots to grow near the surface where the slight bit of water has seeped in. If the ground dries out, the roots and the plant die.

To be sure that your plants have enough water, soak them well every week or so with a good soaker hose. Place a coffee can under the sprinkle or soaker hose to measure the amount of water you put on the plants. Flowers need to have water soak down into the soil six to eight inches deep. This means about an inch of water sould be in the coffee can before you move on to water another area. Trees and shrubs need to have water soak down about 30 inches into the ground. This means you need about five to six inches of water in your can before the watering is done.

Plan to spend at least four hours every week watering one area. A good soaking once a week will insure that your plants will remain healthy throughout the summer.

Ida's Notebook

Ida Risser

Often I feel as though I have lived in two different time zones; as though there has been a big transitional period just in my lifetime.

You see, I remember going to the local flour mill, sitting high up on a big Columbia wagon with my father, to have our corn ground into cornmeal to make mush. We'd roasted the corn in the oven of our wood stove and shelled it into a large metal tub.

Then again, I remember helping to stir the big iron kettle that held the ingredients to make our own soap. Also, the dreaded job of washing all those greasy utensils after a day of butchering in our summerhouse. And my memory also goes back to the days that I drove my father's 1923 Overland between his two farms — this was after its usefulness on the public highway had ceased. Now I buy my soap in a stove, my meat cut and frozen, and I no longer crank a car to start it.

I've even tried to imagine how it would have been to live here on our farm in 1734. (I have a draft of a nearby farm of that date showing the boundaries from a black oak to a white oak to a dogwood tree). Of course, I realize that one day of the hardships of that era would be enough for me.

And then I come to the modern way of living in a world of electric appliances and push botton gadgets. A world that includes a credit card to buy a fur coat in winter and a swim suit in the summer. Recently, I've joined my children by getting a debit card so that I can get money from a banking machine should I need some when I'm far from home.

All of these changes in one lifetime are enough to boggle the mind. Are we really better off than we were fifty years ago or have we simply made life easier for ourselves? In doing this, have we gained happiness?

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Most vegetables are low in cost and calories. Even better, they rank high in vitamins and minerals.

Most dark-green and deep-yellow vegetables excel as dependable sources of vitamin A. Members of the bean family are great for protein and B vitamins, as well as iron and other nutrients.

Another good thing about vegetables is that they can be used in a variety of ways. They taste great and add color to a tossed salad, make super relishes and delicious soups.

For a scrumptious, low-calorie snack for after school or between meals, try raw vegetables. Celery sticks, carrot sticks, radishes or green pepper slices can be kept in the refrigerator for easy access.

For an added treat with raw vegetables, mix up this easy dip:

Tangy Sour Cream Dip

1 cup dairy sour cream
2 tablespoons prepared horseradish
1 teaspoon Worcestershire sauce
½ teaspoon celery seed
½ teaspoon salt
¼ teaspoon paprika
1 tablespoon chopped pimiento-stuffed green olives

Combine all ingredients; mix well. Chill. Serve with crisp vegetables.

A	C	B	E	A	N	S	O	C	V
M	S	E	T	J	L	V	N	O	R
K	P	E	U	H	E	R	E	F	Y
B	I	M	R	I	O	X	W	R	Z
C	N	A	N	C	B	N	A	B	C
R	A	D	I	S	H	E	S	S	F
D	C	I	P	E	P	P	E	R	S
T	H	G	S	O	K	E	L	T	M
W	T	O	M	A	T	O	A	E	S
E	C	A	R	R	O	T	S	S	E

Find 10 of your favorite vegetables. Words run across, down or diagonally in any direction. Words are: beans, turnips, corn, radishes, carrots, peppers, beets, spinach, peas and tomato.

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5.	BROWN	10.	LT. GREEN

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Farm Women Societies

Lancaster Society 2

Lancaster Society 2 met recently on the lawn at the home of Grace Miller, along Mountain Road. Roll call was answered with members' favorite snack food.

The results of the food sold at the Shaffer public sale were reported.

Edna Loose reported the warning given at the sale on the use of bottled gas in an enclosed building.

The group will be selling beverages during Christmas in October on the 14th and 15th.

Lancaster Society 19

Lancaster Society 19 met recently at the Landisv ille Tea Room for their annual picnic.

Thirty-five members attended, and Ruth Martin chaired the event.

Lancaster Society 23

Lancaster Society 23 met recently for a family picnic at the Millersville Park.

Plans were made for a food stand at the Amos Groff sale on July 30.

Berks Society 4

Berks Society 4 met recently at the Boyertown Pool and picnic area.

It was announced that the group will sell pies and cakes at the Reading Fair in September.

Graduate Award winners were announced. They are: Kimberly Faust, senior high; Debbie Zelneck, junior high east; and Denise Zinaglia, junior high west.

Berks Society 7

Berks Society 7 recently attended a safety program at the home of Pat McKinney, Robesonia R1.

Plans were made to attend the county convention Oct. 1 at the Ag Center, the county Hoedown Oct. 15 at the 4-H center and Penn Square Agricultural Day Aug. 30.

The group will go to Kauffman's Bar-B-Que Ranch, near Rehrersburg, for their July 27th meeting.

F.W.S. Calendar

Saturday, July 16

Lancaster Society 8 meets for a musical presentation with Alice Dourte at Donegal Presbyterian Church.

Sunday, July 17

Lancaster Society 3 meets for a family picnic at Sunny Craft Farm.

Monday, July 18

Lancaster Society 31 meets for a program on "Your Handwriting Shows" by Charles A. Achey Jr.

Lancaster Society 29 meets for family swimming and a cookout.

Tuesday, July 19

Berks Society 6 meets with Joan Noll.

Thursday, July 21

Lancaster Society 15 meets to hear a talk by Robert Schutsky on "Blue Birds."

Saturday, July 23

Lancaster Society 12 visits a nursing home.

Lancaster Society 4 meets for a picnic supper.

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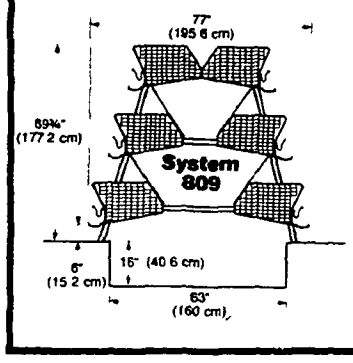

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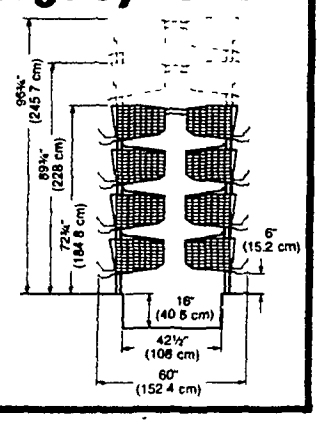

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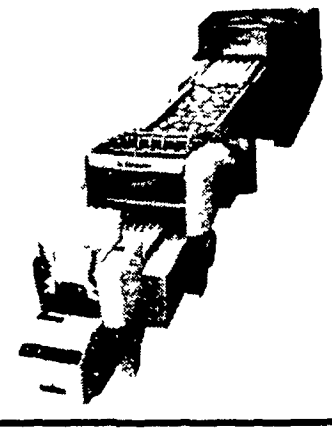

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Lazarus leads FFA hog show winners

QUAKERTOWN — Members from the Southeastern Area FFA chapters met at the Quakertown Sales Stable on July 6 to compete in the annual S.E. Area FFA market hog show and sale. Clyde Meyers, from the Berks county Extension office, was the judge for the event.

Lehigh County FFA chapter won top honors at the show paced by Leslie Lazarus, who won 13 awards including the grand champion with his 250-pound Spot, which sold to Hatfield Packing for $2.40 per pound. Lazarus' 240-pound Duroc was named reserve champion and sold to George's Foodliner foe $2.05 per pound.

Results of the show:

Light Weights

1. Tim Seidel, Lehigh; 2. Tim Seidel; 3. Bonnie Wessner, Lehigh; 4. Todd Bennecoff, Lehigh; 5. Leslie Lazarus, Lehigh.

Heavy Light

1. Leslie Lazarus; 2. Leslie Lazarus; 3. Todd Bennecoff; 4. Tim Seidel; 5. Ray Kocher, Lehigh.

Medium Weight

1. Leslie Lazarus; 2. Tim Seidel; 3. Tim Seidel; 4. Ray Kocher; 5. Bonnie Wessner.

Heavy Medium

1. Tim Seidel; 2. Bonnie Wessner; 3. Tim Seidel; 4. Robert Landis, Western Montgomery.

Heavy Weight

1. Leslie Lazarus; 2. Ray Kocher; 3. Bonnie Wessner; 4. Bonnie Wessner; 5. Todd Bennecoff.

Heavy Heavy

1. Leslie Lazarus; 2. Todd Bennecoff; 3. Leslie Lazarus; 4. Robert Landis; 5. Randy Auckland, Upper Bucks.

Although the number of hogs shown were down from last year the quality was high as was reflected by the prices in a down pork market.

The swine fitting contest was divided into two classes, the junior division for first time showpersons and the senior class for the experienced showpersons. In the junior class, the results were 1. Ray Kocher, Lehigh; 2. Randy Auckland, Upper Bucks; 3. Paul Roy, Western Montgomery; 4. Tim Moore also from Western Montgomery.

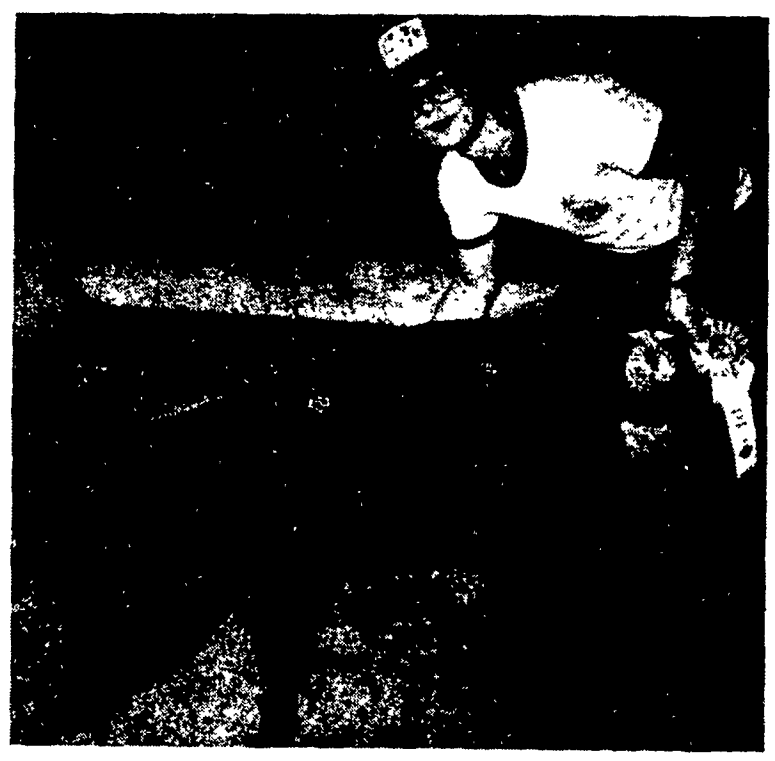
In the experienced class, the results were 1. Leslie Lazarus, Lehigh; 2. Tim Seidel, Lehigh; 3. Todd Bennecoff, Lehigh; 4. Bonnie Wessner, Lehigh; and 5. Darlene Freed, Upper Bucks.

The champion fitter award was bestowed upon Leslie Lazarus and reserve champion fitter Tim Seidel.

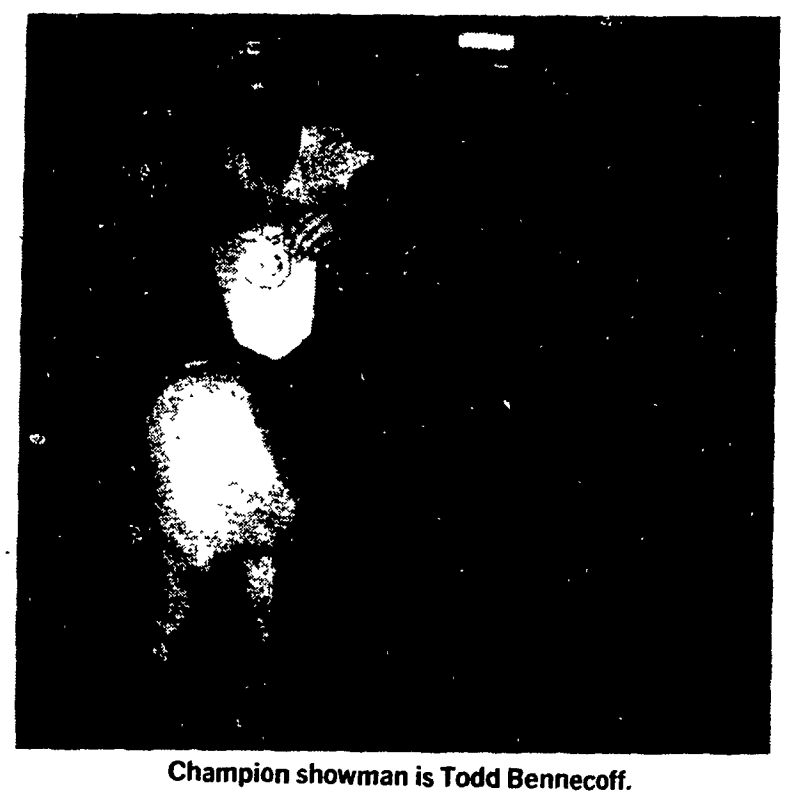
The showmanship contest was also divided into two classes. The results of the junior class was as follows: 1. Paul Roy; 2. Ray Kocher; 3. Tim Moore; 4. Randy Auckland.

The senior or experienced class results: 1. Todd Bennecoff; 2. Bonnie Wessner; 3. Leslie Lazarus; 4. Robert Landis, Western Montgomery; 5. Tim Seidel. Champion showman honors went to Todd Bennecoff with Bonnie Wessner gaining the reserve honors.

With the grand champion market hog of the SE Area FFA Show are Jerry Clemens, buyer for Hatfield; and Leslie Lazarus, exhibitor.



Champion fitter is Leslie Lazarus.



Champion showman is Todd Bennecoff.

Red Lion chapter has winners

RED LION — James Eveler, son of Mr. and Mrs. Robert Eveler, R1, Airville, will be one of three Pennsylvania FFA members who will participate in the National FFA Meats Identification and Grading Contest in Kansas City, Mo. during the National FFA Convention in early November.

Jim qualified to be on the Pennsylvania Meats team due to his third place finish in the state contest several weeks ago. Jim is a sophomore vocational agriculture student at Red Lion Area Senior High School.

During Pennsylvania FFA Activities Week at Penn State, several vocational agriculture students received recognition for their ability and skill in various contest.

They include: James Eveler, Meat Identification and Grading, Gold placing; Michele Bankert, Conservation Public Speaking, Gold placing; Speech Title; "Chemical Dumping; Its Effect on Man and the Environment"; Kelly Kilgore and Edwina Johnson, Dairy Judging Contest, both received Silver placing.

Other participants and their contests include: Wendy Flinchbaugh and Ed Keeny, Livestock Judging; Lester Holtzinger, Meat Identification and Grading Contest; Melissa Taylor, Horse Judging Contest.

Susan Boyd and Maurice Schwartz participated in the state FFA band, under the direction of Dr. Diehl, director of the Penn State Blue Band. Ann Hutschenreuter was an official delegate from York County FFA. Ann participated on the state officer nominating committee.

Jim Eveler

Another member of the Red Lion Area FFA Chapter, Beth Holtzinger, was very actively involved during the week, as she completed her duties as Pennsylvania FFA statewide Vice President.

Others attending were Doris Johnson, Chaperone; Guy Naugle and John Myers, teachers of agriculture.

Berks FFA hog show Aug. 3

LEESPORT - The Berks County FFA Chapters announce their annual Market Hog Show and Sale at Leesport Auction on Wednesday, Aug. 3. The show will begin at 9:30 and the sale will begin at approximately 6 p.m.

About fifty head of market hogs will be consigned to this sale. They are the efforts of supervised farming programs of boys and girls enrolled in Vocational Agriculture and the FFA.

The Market Hog Show will begin at 9:30 with hogs shown in the order of lightweight hogs (minimum 180 lbs.) to heavyweight hogs (maximum 240 lbs.). The number of weight classes will be determined by the show committee after all hogs are weighed in.

A Grand Champion and a Reserve Champion of the show will be chosen from the first and second place winners in each weight class.

Grand Champion and Reserve Champion trophies will be presented at the end of the show which will be about 12 noon.

The Market Hog Sale will begin at approximately 6 p.m. All hogs in the show will be sold in lots according to weight entered by the exhibitor and under the rules and regulations of the Leesport Auction. All buyers will receive a buyers ribbon in recognition of their support.

FFA

4-H'ers win at livestock contest

WELLSVILLE — The York County 4-H Invitational Livestock Judging Contest was held July 7 at Warrington Green Farms, Wellsville, owned by Drs. George and Lois Kushner. The contest was the largest ever held in its 25 years, with 100 participants from 10 counties.

The contest was sponsored by the York county 4-H livestock clubs. It was co-chaired by William Holloway, farm advisor for Glatfelters Insurance Agency and Tony Dobroky, county livestock agent. The official judges were: Dr. Lester Burdette, PSU livestock specialist; Dr. Matt Parsons, PSU livestock specialist and Brenda Werner, Hanover, a former 4-H livestock and meats judging team member.

York County 4-H members garnered 3 of the 4 top awards by being 1st place Junior team, 1st place Senior Team and having the high overall individual in the Senior contest.

Junior contest winners were: Kerri Kohr, York R4, third high individual; Joann Rishell, Seven Valleys, fifth high individual; Greg Bankert, Hanover, eighth high individual; and Cathy Shive, Seven Valleys, 10th high individual.

The junior beef class winner was Cathy Shive, Seven Valleys, fifth place. The junior sheep class winner was Greg Bankert, fourth place, and the junior swine class winners were Joann Rishel, first place; Connie Hoover, Mt. Wolf, second place; and Kerri Kohr, York, fifth place.

Junior team placings were: first place, York County, team members, Kerri Kohr, Joann Rishel and Greg Bankert; second place, Lancaster County; third place, Chester County; fourth place, Bucks County; and fifth place, Lehigh County.

Senior placings in the high individuals overall category were: first place, Melissa Trostle, Red Lion; third place, Bob Livingston, Dover; eighth place, Bill Wise, Spring Grove; and ninth place, Chris Shive, Seven Valleys.

Senior Team placings were: first place, York County, members, Melissa Trostle, Bob Livingston and Bill Wise; second place, Chester County; third place, Lancaster County; fourth place, Centre County; and fifth place, Lehigh County.

Melissa Trostle won second place in the beef class. The sheep class placings were: first place, Bill Wise; third place, Melissa Trostle; fourth place, Bob Livingston; and fifth place, Chris Shive.

Swine class placing was Julie Myers, Wellsville, winning fourth place. Reasons class placings were: first place, Bob Livingston; fourth place, Bill Wise; and fifth place, Chris Shive.

York County Fair Scheduled

YORK — The York County 4-H Fair will take place July 26-30. Doors will open Tuesday, July 26, to enter projects at Hort Hall from 1 to 5 p.m. and again from 6 to 8 p.m.

The 4-H dairy round-up will take place Wednesday. The dairyman's contest will also take place on that date.

Thursday will feature the county Holstein show, the consumerama contest, the dairy-beef round-up and a fashion show. Friday, a tractor driving contest and lamb show will take place, as will a hot dog eating contest and stockman's contest.

The fair will conclude Saturday with a pet parade, bike rodeo and goat round-up. Projects can be picked up from 1 to 3 p.m. The fair will close at 4 p.m.

4-H'ers travel to Kentucky

LEBANON — Twelve Lebanon County 4-H teens and leaders were ambassadors to Kentucky last week as part of the Inter-state 4-H exchange program.

The ambassadors learned about Kentucky family life, 4-H, and traditions. They lived with 4-H families in Whitley County, a southeastern rural county just north of Tennessee.

Teens participating were: Deb Bolles, Fredericksburg; Andy Bower, Palmyra; Karen Crain, Lebanon; Tammy Earhart, Lebanon; Ann Grumbine, Myerstown; Ellen Hanson, Colebrook; Lisa Hetzel, East Hanover; Tammy Shearer, North Annville; Darrin Showers, Rexmont; and Leslie Strauss, Jonestown.

Adult volunteers with the group were Rosanne Bolles, Fredericksburg, and Sue Bomberger, Annville.

Activities in Kentucky included a day trip to Lexington. They visited Boonesboro, the University of Kentucky, and a Horse Park.

The teens planned their trip including insurance, rest stops, van rental, gifts for their hosts, and other details.

In 1984, Kentucky 4-H'ers will enjoy Lebanon hospitality when they live here for one week.

Hold Family Night

NYESVILLE — Fifty-nine people attended the Franklin County 4-H Shepherds' Family Night at the Keener home in Nyesville.

The following demonstrations were given: hoof trimming by John Bonzager; fitting a lamb for show by Keith Bitikofer; and showing a lamb by Greg Christman.

Julie Dice and Jamie Good provided homemade ice cream for the group. Bob Kessler, county 4-H agent, concluded the evening by showing the film, "A Photographer Looks at State 4-H Events."

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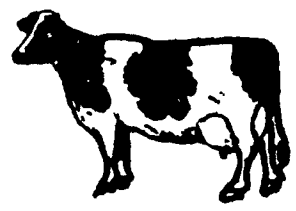

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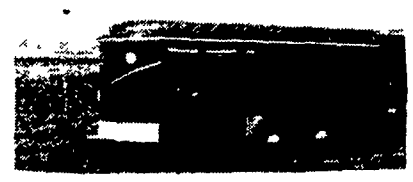

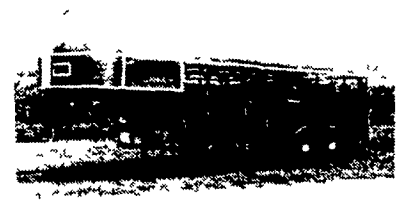

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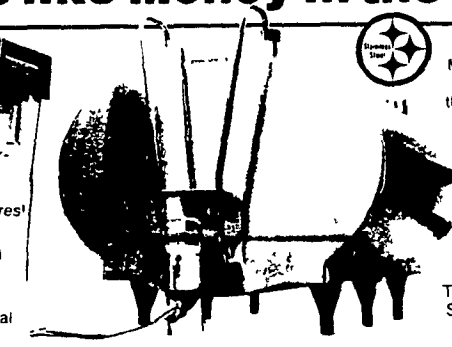

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Still active in Farm Women after 67 years, Mrs. Moore also enjoys relaxing on the porch of her home, which has been in her family for 100 years. She also enjoys braiding rugs and working as a doctor's receptionist.

Farm Women Veteran

Still Active at 98

BY KIMBERLY HERR

LITITZ — Her silver-grey hair, matching the color of her eyeglasses, and her slow step are signs that she is up in age.

Her twinkling eyes, ready smile and sharp wit are signs that she is still a cheerful, intelligent lady with many activities.

After 67 years of membership, Farm Women Society is one of her main interests. Her name is Barbara Moore, and she has been a member of Lancaster Society 1 since it began in 1916.

"It's educational in many ways," Mrs. Moore said of Farm Women. "We all feel that we gained quite a bit from it."

This 98-year-old lady can remember when the group was called Die Hausfrauen. It was changed during World War II because "we didn't want to sound German."

Wearing a brown and white striped dress with a matching brown sweater, Mrs. Moore fit in perfectly with her neatly-decorated home on Orchard Road, northeast of Lititz.

Her cozy living room reflects both the past and present, as new furnishings mix with heirlooms. She noted with a touch of sadness that she had given much of her furniture to her daughter.

Several generations also blend at Mrs. Moore's. On the side porch hangs a swing, inviting someone to spend a quiet afternoon on it's comfortable seat. Scattered around the porch and in the yard are the tools for a more active afternoon, as a rocking horse and toys, belonging to Mrs. Moore's grandchildren, also claim their place on the property.

Mrs. Moore lives in an apartment, which is connected to the main house, currently occupied by her grandson and his family. She can remember when it was her five children that scattered toys in the yard.

She explained that she had lived on a farm for most of her life and had been born on the 65-acre farm she still calls home.

The farm, which has been in her family for about 100 years, was a fruit farm when Mrs. Moore's late husband Martin was running it. Cattle, corn and hay are raised on the farm today.

With more than nine decades of farming under her belt, it's little wonder that Farm Women is a major part of her life.

"We learn to know our neighbors," she said. "I have met many dear friends through Farm Women. It also gives you a little bit of confidence in speaking in public or to each other."

Whatever Farm Women has given her, Mrs. Moore has returned.

She was president of her group for two years, county president for two years and state treasurer and state secretary. She remembers when the women had to plan their own programs, and there were no yearbooks as guides.

"I don't accept an office anymore, but I'm still a member and I still serve on committees," she said. Mrs. Moore is currently a member of the Sunshine committee.

She has never missed a county meeting, but she has missed a few state meetings over the past years.

"Some winter days are pretty severe to get to Harrisburg," Mrs. Moore said.

In addition to the offices she has held, Mrs. Moore was instrumental in having the Farm Women's pin made in Lancaster County. She was sole custodian of the pin for 25 years.

"We felt that we'd have to make the pin in Lancaster or some other group in another county would do it," Mrs. Moore explained.

She was responsible for taking the pin orders to the jeweler.

"I tried to keep him from raising the price," she laughed.

The flowered pin means a great deal to Mrs. Moore, as do the motto and song of the group. The motto is "For Happiness."

"I think it's important that we are happy in our work and whatever we do," the sprite little lady explained.

As for the song, which is "Brighten the Corner," Mrs. Moore said, "We all kind of live up to that."

> ***"We learn to know our neighbors. I have met many dear friends through Farm Women."***

Barbara Moore

Mrs. Moore, who is the oldest and only living member of a family of 12 children, can remember when the Farm Women Society originated.

"It was started as more of a social time," she said. "It wasn't supposed to be a money-making affair."

As one of the oldest members, she has only one change that she would like to see take place in the Society.

"I'd like to see more younger people in it (Farm Women), " she said. "I think that's important."

By the way Mrs. Moore manages her schedule, there is little doubt that she would have trouble keeping up with any younger person.

In addition to her Farm Women activities, Mrs. Moore also has a part-time job at a doctor's office in Lititz. She answers the phone, opens mail, makes appointments and gets bills ready.

"It (the job) gives you a different outlook on what is going on around you," Mrs. Moore said. When asked to explain, she remarked, "Look how many people you meet that you wouldn't meet otherwise."

Proving her independence, Mrs. Moore does not depend on her family or friends to take her to and from her job. Instead, she hops in her car and is on her way.

Mrs. Moore, who began driving in 1914, is an old hand at this task. She can remember when drivers had to be careful because their cars would scare the horses, which

(Turn to Page B16)

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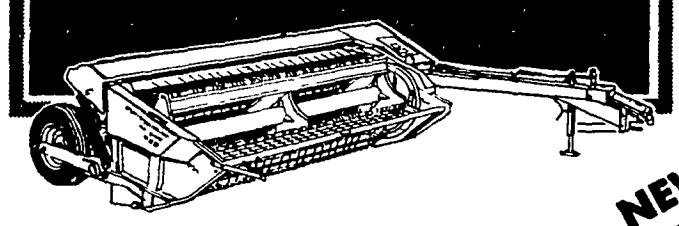

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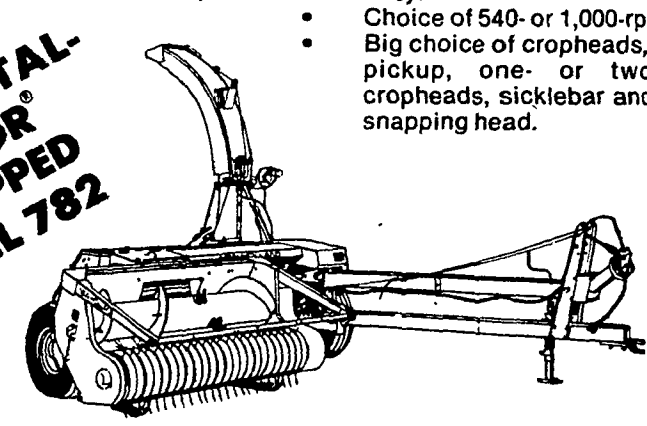
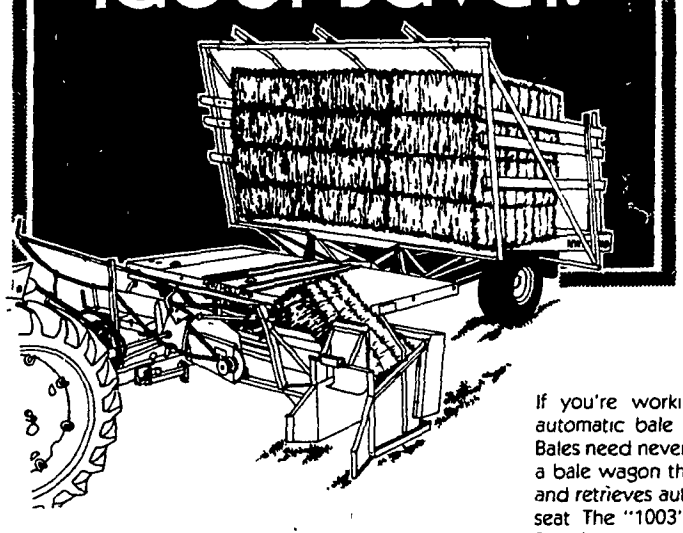


Small-farm labor saver.



If you're working alone, the economy Model 1003 automatic bale wagon will save you time and labor Bales need never be picked up by hand when you own a bale wagon that does it all — picks up, hauls, stacks and retrieves automatically, while you sit in the driver's seat The "1003" handles 83 14" x 18" bales per load Stop by and let us show you all the features of this labor saver

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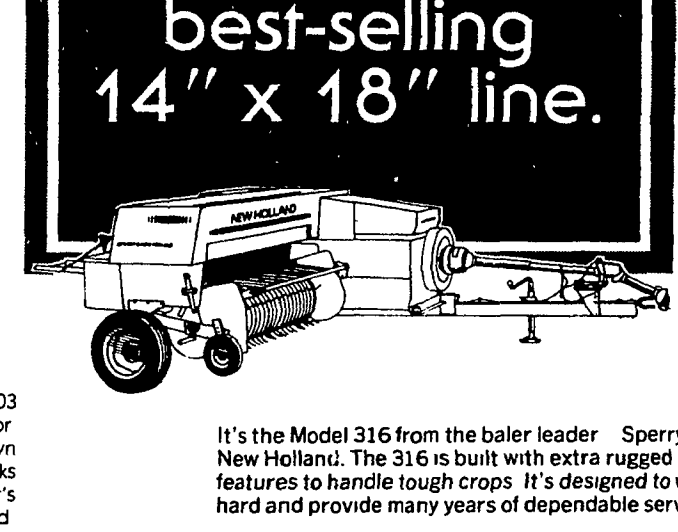
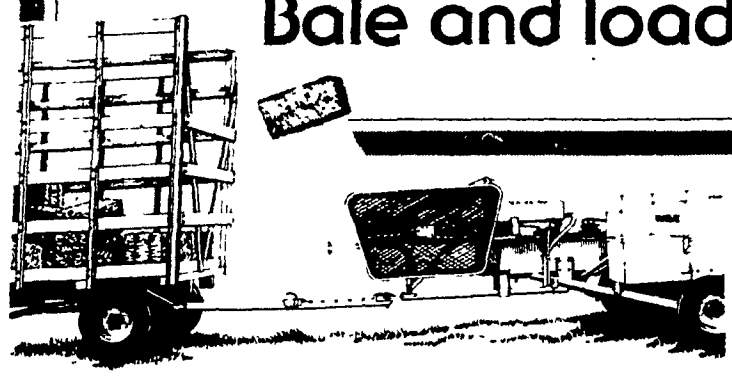


It's the Model 316 from the baler leader Sperry New Holland. The 316 is built with extra rugged features to handle tough crops It's designed to work hard and provide many years of dependable service

Bale and load in half the time.



The Model 75 combines reliable hydraulic drive and overall rugged construction to give you a bale thrower with unmatched reliability Electric control option provides fingertip control of bale direction and distance An automatic hitch allows you to unhitch a loaded wagon without leaving the tractor seat If you want to bale and load in half the time, stop in soon for a close look at the Model 75 hydraulic bale thrower from the baler leader . . Sperry New Holland.

Crossley named contest winner

COUDERSPORT — Luke Crossley, 15, of Coudersport, RD1, has been named the state electric contest winner in the 1983 4-H National Awards program.

He will receive a paid trip to the National 4-H Congr[illegible] o be held in Chicago, Novemb[illegible] 27 through December 1. Luke also eligible to compete na[illegible]ional or one of the six $1,000 sch[illegible]ships. The electric project i[illegible] supported by Westinghouse Electric Corporation at Pittsburgh, Pa.

Carroll L. Howes, associate 4-H youth program director at Pennsylvania State University, said Luke was chosen on the basis of this 4-H project work, leadership abilities, and participation in county and state activities. Luke was chosen from over 100,000 youths who annually take part in the Extension Service educational 4-H program.

Luke Crossley

A Son of Mr. and Mrs. Samuel M. Crossley, III, Luke will be a sophomore at Coudersport Junior-Senior High School this fall. He has been a 4-H member for eight years.

As a member of the Sparks 4-H Club, Luke has served as game leader, song leader, secretary, and president. He has also served as news reporter for his county council. Luke's project have included airplanes, sheep, handyman, gardening, foods, small engines, backyard poultry, leadership, electric and vegetable gardening.

On the county level, Luke has participated in 4-H camp, 4-H Roundup, Achievement Night, 4-H Kick-off parties, officers' training, 4-H Livestock auction, fund raising sales, and the Leaders and Bankers Dinner.

Regionally, he has taken part in 4-H camp for three years and Pre-Teen Day. On the state level, he has participated in Leadership Congress and the Keystone Blueform Interviews. This summer he will be attending Citizenship-Washington Focus in the nation's capital.

Luke's special honors include being a Keystone winner in 1982, winning a judging contest in 1980, and receiving various achievement awards in the past four years.

Commenting on the value of the 4-H education program, Luke said, "4-H has contributed to my life by helping me understand government. 4-H has helped me to see new places and things and to meed new people. It has also shown me what I can and can't do."

Farm women veteran

(Continued from Page B14)

were still the main form of transportation at that time.

Of her ability to get around by herself, she said, "I can come and go as I please. I'm freer than I was when I had the responsibilites of a family."

In her spare time, Mrs. Moore makes braided rugs. Her 48th rug was just completed and picked up by the lucky recipient last week.

Her rugs are all over the country. They are owned by relatives and by those people who heard of her talents and commissioned her to make rugs for them.

What's her secret for her good health and active life?

"I don't worry. I live one day at a time. I take what comes, and whatever I have to do I do," Mrs. Moore said.

Does the philosophy work?

Apparently so, as Mrs. Moore claimed, "I don't even know what a headache feels like."

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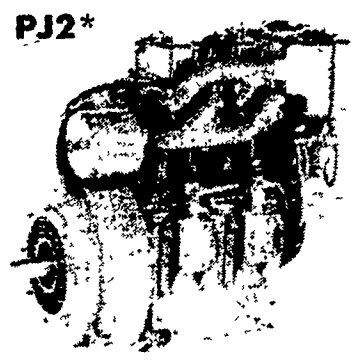

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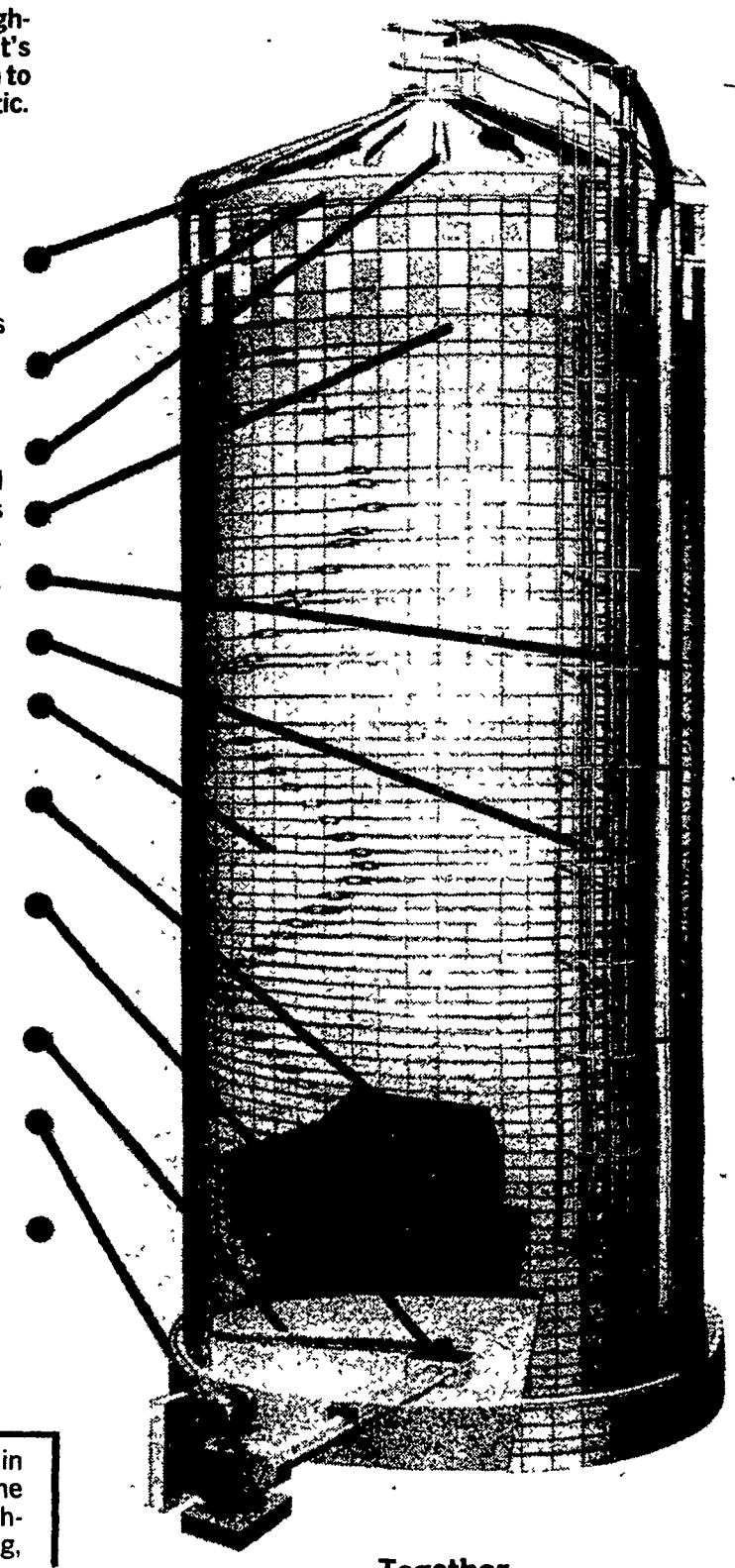

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Wheat program outlined

WASHINGTON, D.C. — Secretary of Agriculture John R. Block today announced general guidelines concerning the provisions of the 1984 wheat program. The program provisions are tentative but will likely fall within these guidelines:

—An acreage reduction requirement of between 20 and 30 percent.

—An additional land diversion of between 20 and 25 percent with a payment-in-kind compensation for farmers who divert additional land.

—An in-kind compensation of between 70 and 80 percent of program yield.

"These points should provide wheat farmers general guidance for planning purposes," Block said. "We had hoped to announce the 1984 wheat program in more detail, but it is impossible to finalize the provisions until Congress completes its consideration of target price freeze legislation that has been requested by the Administration since January. Without a target price freeze, the tentative program provisions I announced today would be subject to change."

The Senate Committee on Agriculture, Nutrition, and Forestry approved the target price freeze legislation on June 21. The House Committee on Agriculture met on May 25 to consider the legislation, but postponed further consideration.

"Many farmers have already begun to prepare seedbeds and apply fertilizer for the upcoming crop," Block said. "With these financial commitments being made, it is only reasonable that the Congress act judiciously so that we can announce all of the specific program provisions as soon as possible."

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Go Ahead! Indulge In Some Ice Cream

BY KIMBERLY HERR

NEW HOLLAND — Be patriotic — eat an ice cream cone.

That's right, folks, this week was national ice cream week. And what a wonderful reason to splurge on a large, triple-dip ice cream cone in your favorite flavor. I mean, afterall, if you need an excuse to blow your diet, just chalk it up to your duty as an American.

And, while you're splurging, you may as well go all the way and treat yourself to real, honest-to-goodness homemade ice cream.

Some of the best to be found is on a farm nestled in the New Holland area. This farm, complete with cool breezes from the many trees, is inviting enough on a hot summer's day, add the temptation of freshly-made ice cream, and the scene becomes irresistible.

The farm and ice cream works belong to Ben Z. Lapp and family.

They have about 50 cows on their 60-acre farm. They get about 350 gallons of milk per day and make about 400 gallons of ice cream each week.

The Lapps went into the ice cream business about eight years ago. Since that time he switched from milking twice a day to milking three times a day because they needed the extra milk.

Lapp, who is a member of the Amish church, explained he began making ice cream for members of his church, and his interest grew from there.

So, apparently, did the demand.

Lapp sells his ice cream at a small shop on his farm, at the Green Dragon Market and Auction and at a market in Reading. During the summer months, his employees hand dip about 4,000 cones per week.

His customers have a choice of 19 flavors. All of the ingredients are fresh and natural. Ten days after milk is taken from the cow, the purchaser will have consumed the ice cream, according to Lapp.

The whole process takes place on Lapp's farm. An observer can follow the milk all the way from the cow to the finished product without ever stepping outside.

The process begins in the barn when the cows are milked. From there, it is taken upstairs in the barn. It is placed in a 200-gallon steel vat where the ice cream mix is made. The mix consists of milk, cream, sugar and dry milk.

Both cane and corn sugar are used, and the cream comes from a local cheese company.

The mixture is then heated and moved onto the next step of the process where it is homogenized. It then moves on to the holding tank.

From the holding tank, the mixture travels down into a first-floor room which is connected to the barn.

If you are fortunate enough to be there at the right time, you can grab a taste of your favorite flavor while it is still in soft form.

In this room is Mary King, one of Lapp's busy employees.

She actually makes the mix into ice cream. Containers of wonderful-looking ingredients line this room. From strawberries to blueberries to walnuts in a maple sauce, this room holds all the goodies that make the ice cream complete.

Mary, who works about 20 hours per week, is kept busy making the ice cream and cleaning the equipment every time she starts a new flavor. Hanging above her head are biblical verses of encouragement.

"I sometimes need that encouragement through the summer," Mary laughed.

After Mary makes the ice cream, she places it in containers and puts them into a freezer, which can hold 800 gallons of ice cream.

A door on the other side of Mary's room leads the visitor into the ice cream shop.

Here are two more huge freezers. One stores ice cream to be dipped by hand and another stores the ice cream that is already packaged.

The shop is open Monday through Thursday from noon until dark. Fridays and Saturdays, the shop opens at 8 a.m. and closes at 7 p.m. At least they try and close at 7 p.m., however, some nights people just keep arriving for more ice cream.

The Lapps prefer to sell their ice cream by the cone, but do package some of it for the convenience of those who want to take more than one cone along home with them.

Mary King, one of Lapp's employees, works with the ice cream as it comes from the machine in soft form. She has already added the ingredients, and will now pop it into the freezer to harden it.

The packaged ice cream really comes in handy during strawberry season when everyone wants to buy gallons of vanilla ice cream, according to Lapp.

Vanilla is the favorite flavor of those people buying packages, however, raspberry takes the lead for those buying cones.

And it isn't only the customers who like to nibble on Lapp's ice cream.

Esther Glick, another one of Lapp's employees, works in the processing room, where the milk, sugar, and cream are combined. Although she works around ice cream all the time, she never tires of it.

In fact, she was on her way to treat herself to a cone when she was interrupted by a reporter.

Before Esther, Mary and some of their other employees came in the picture, Lapp and his wife Lena did all the work themselves.

John's favorite flavor is vanilla, even if it melts quicker than he can eat it.

Jonas and John, Lapp's four-year-old twins, enjoy the ice cream made on Daddy's farm.

They made the ice cream in their home at night after working around the farm all day.

For the past several years, the ice cream has been made every Tuesday and Wednesday. The mix is made on Thursday and then allowed to sit for several days. According to Lapp, this makes for a better flavor.

Although the mix is kept for several days, the original milk is not, and it is often put into the mix the same day it is taken from the cow.

The milk that Lapp also sells is sometimes in the hands of the consumer just two hours after it comes from the cow.

By the end of the week, the ice cream that is made on Tuesday and Wednesday has been sold.

While Lapp has created a successful operation, he is determined to keep the business a family one.

That way he remains in control of what goes into his ice cream and where it is sold.

His ice cream currently contains about 16 percent butterfat, which makes it rich and creamy, and, you may be thinking, much more fattening.

However, Lapp explained that the difference in calories from an ice cream that is low in butterfat to one that is high is not as great as people think.

Therefore, it is perfectly proper for you to go ahead and order an ice cream cone and not even think of the calories.

If it's any consolation, while you are taking the very first lick of your cone, millions of others are doing the exact same thing.

Last year Americans ate more than three billion quarts of ice cream. That averages out to about 15 quarts per person.

So, go ahead, if you didn't have an ice cream cone during this past week, spoil yourself this weekend and cool the heat with ice cream.

Co-op students combine learning with friendship

BY SALLY BAIR
Staff Correspondent

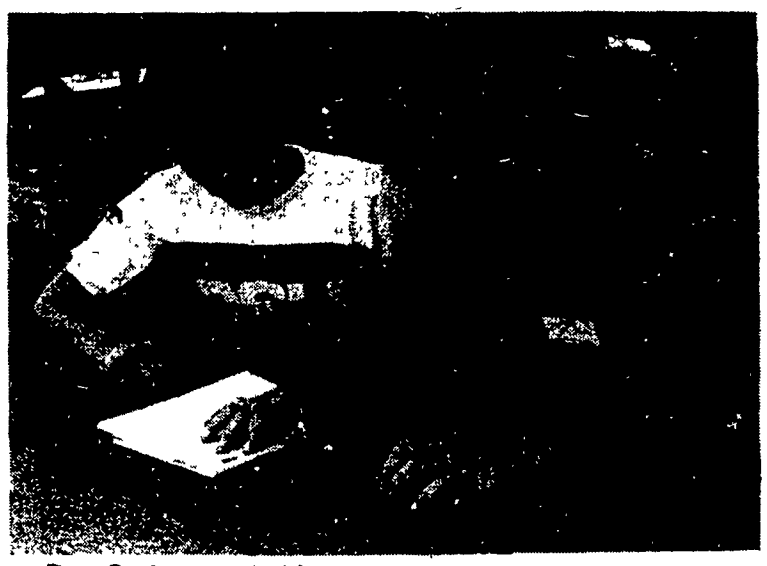
SHIPPENSBURG — While most young people avoid tests, studying and lectures like the plague during their summer vacation, there was a group of 150 young people at Shippensburg University this week who did all those things, and seemed to enjoy them immensely.

The occasion was the Pennsylvania Association of Farmer Cooperatives' Summer Institute, an educational program begun in 1960 to teach young people about the cooperative way of doing business.

The young people, from throughout Pennsylvania, New York, Delaware and New Jersey, had been selected by their local cooperative councils, and most had a background in 4-H or FFA.

The scholars, as they are called, spend four days at Shippensburg and come away with a better understanding of farmer cooperatives. But there is a lot more going on than just learning facts. Making friends, taking leadership positions and organizing a real cooperative business also takes priority throughout the Institute.

Vicki Basehore, daughter of Mr. and Mrs. Paul Basehore, Mechanicsburg, attended last year, and because of her outstanding involvement, was selected to attend the American Institute of Cooperation's annual meeting at Purdue University. This year she was back as a member of the scholar-staff, helping to arrange and carry out the program.



Don Carter, newly hired manager of Minico Cooperative, goes over some of the co-op's plans with Josh Weinstock, co-editor of the PAFC Summber Institute's newsletter.

These young people are taking a break at the Shippensburg municipal park during their stay in Shippensburg as part of the PAFC Summer Institute. From left are Russell Lerwick, Debra Hershberger, Joan Gagliardi and Vicki Bashore.

Nineteen-year-old Vicki says, "There are two big things at the Institute. The first thing is the education you get out of it, and the second thing is the friendships you make. I like being on the staff better than being a scholar. You can talk to anyone, and I really enjoy getting kids motivated."

Getting the young people to participate in all the varied activities doesn't seem to be a problem, however. She adds, "There is a high caliber of young people at the Institue. Most kids really want to come."

Part of the motivation may be that several outstanding scholars will be selected again to represent PAFC at the AIC annual meeting, so it is to their advantage to participate and take leadership opportunities.

Vicki points out that there are benefits to the sponsoring cooperatives.

"Last year two scholars at the Institute got jobs in cooperatives. Cooperatives can find reliable workers. It is also a good advertisement, because we now think of cooperatives."

Vicki is studying ag education at Penn State and also served Cumberland County as Dairy Princess. She is FFA state vice-president.

Lancaster Countian Debra Hershberger, daughter of Mr. and Mrs. Robert Hershberger, Quarryville R4, is also on the scholar staff after attending AIC last year. Deb, 18, says she at-

(Turn to Page B20)

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Co-op students

(Continued from Page B19)

tended last year becuase "I got a lot of encouragement from FFA advisors at school. My brother Doug had gone and liked it."

For Deb, attending the Insitute was a personal growing experience.

"I learned a lot about cooperatives and I learned a lot about myself," she says. "They want you to be leaders, and I learned to believe in myself and to have self confidence. I learned to relax when speaking in front of a group."

Another plus for Deb was, "I learned to know a lot of great people. I made friendships that will last. I didn't know about cooperatives, and now I am a strong believer in them. The institue encourages scholars to think about the cooperative form of business. I will promote cooperatives whenI go home."

Deb agrees with Vicki about the quality of kids who attend. "There is a selection process, so there are really top ones selected to be here," she says. "You have to be a leader to be chosen to attend." While free time in the form of dances, ball games and picnics are built into the program, Deb states, "If you are active there is not much free time."

There are always meetings to plan the talent show or to work on the newsletter. Nevertheless, Deb points out, "Meeting new people is a form of recreation, too."

Deb is a junior in nursing at St. Joseph's Hospital School of Nursing.

Scholars are eligible to return for a second year, and many do. Seventeen-year-old Josh Weinstock, son of Dr. and Mrs. Joseph Weinstock, Phoenixville in Chester County, went back for a second year and is serving, again, as co-editor of the newsletter. Josh says the newsletter staff interviews some of the guest speakers and lets scholars know what is going on each day of the Institute.

From his experience last year Josh wrote his junior term paper at school on cooperatives. This year, he says, "We are learning more principles of cooperatives, and more about the manager level and employee relationships."

Each year participants at the Institute form their own cooperative, Minico, something Josh thinks is an excellent idea.

"It's a real legal co-op" he says. "I was with Joan (the president) when she signed the papers."

Josh also said he thinks the Institute opens up career ideas for the scholars who attend.

One New York resident who is participating in the Institute is Russell Lerwick, 18, of Harpersville. He is planning to attend Delaware Valley College in the Fall and attended the Institute as a second-year scholar.

Russell says, "I heard about it through FFA and saw it as a leadership opportunity. Last year I learned about cooperatives and how they work and the important role they play in agriculture and the job field. I knew a little about them before I came, but I broadened my knowledge and learned a lot more.

Russell lives on a dairy farm where they raise heifers and cows up to freshening age, and he belongs to a sheep and wool growers cooperative because he raises sheep.

This year Russell says, "We go into more depth about money and the financial end of cooperatives. I think I enjoy it more this year. I feel more at home and I know more about it. I think the Institue is preparing future leaders who will serve and will spread the word that cooperatives are good."

Many of the young people participating are from farms, but by no means all of them. In fact, Joan Gagliardi hails from center city Philadelphia, and worked hard to find a way to attend the Institue after she learned about it from a 4-H friend in Sullivan County. She made some phone calls, got out the encyclopedia to learn about cooperatives and is taking an active part.

Joan says, "I didn't know a thing about cooperatives." The first thing she learned is that there are cooperatives in Philadelphia, though not farmer cooperatives. There are housing and food cooperatives, but the principals are the same - one member, one vote.

It seemed natural for Joan to attend since she is majoring in business administration and economics at Ursinus College with the intention of going to law school. She has been a 4-H'er for 10 years and is now learning about FFA as well.

Joan came to the Institute wishing to be elected to the board of directors of Minico, and not only succeeded in that goal, but also was elected to serve as president of the Board of Directors. She says, "I learned a lot about parliamentary procedure." She has been elected president of her class for two years at Ursinus, so she says, "I pretty much know how to organize things."

She is enjoying the opportunity to observe the workings of a cooperative first-hand. She explains that Minico will sell souvenir frisbees, magnets and key chains, and will sponsor refreshments at one of the dances and at the pizza party.

One of her first jobs as president was to appoint a committee to select a manager for the cooperative. The committee screened applicants and interviewed the top candidates before selecting 18-year-old Don Carter, son of Mr. and Mrs. Mac Carter of Washington County.

Don is in his second year, and says, "I applied to be manager because I thought it would be pretty interesting. It is good experience."

His first job was to work with his area managers in selecting the right place from which to order soda and pizza for their refreshments. Figuring price was the next job.

Don admits that he's working harder than he did last year, but seems to be enjoying every minute of it. He said the manager gets a salary, but not until the job is finished. It is three percent of the profit, probably not enough to pay tuition when he begins studying dairy production at Penn State in the Fall. He said the biggest drawback to the job is that it must be accomplished in such a short time - just three days from start to finish.

There's no doubt that there's a lot of learning about cooperatives going on in the halls of Shippensburg University. But there is also a lot of personal growth and leadership training taking place with the work, and the result is sure to benefit the entire community.

Panizzi Wears Westmoreland Crown

GREENSBURG — Cynthia Panizzi, R2 Derry, was recently crowned Westmoreland Dairy Princess by Janean Frye last year's winner.

The 17-year-old brunette is the daughter of Mr. and Mrs. James Panizzi. She has hazel eyes and is 5'6" tall.

A recent graduate of Derry Area High School, Cindy will attend Indiana University of Pennsylvania in the fall, where she will study elementary education.

Elizabeth Sarver, R1 Greensburg, and Bonnie Baird, R1 Latrobe, were named alternates. Both girls will be attending seminars at Lycoming College, Williamsport, this month.

Judges for the evening were Barbara Berkley, Berlin; Sharon Fox, Rockwood; and Kenneth Raney, Washington. Donald Fretts was master of ceremonies.

Helping to crown Cynthia Panizzi, Westmoreland's new Dairy Princess, were Kathy Clawson, crown bearer, and Brian Clawson, ring bearer.

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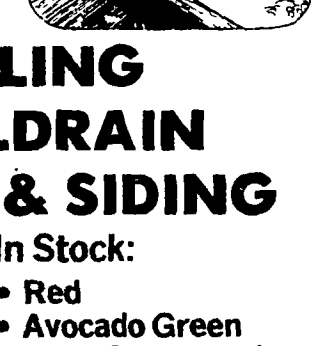

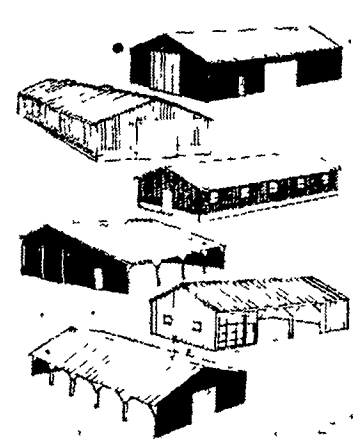

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Myerstown 4-H'er to lead state event

MYERSTOWN — Dan Shiner, Myerstown, was selected to lead activities at the 1984 Pennsylvania 4-H Leadership Congress during the 1983 Congress held recently at Penn State.

Dan, a son of Dan and Gail Shiner, will return to advise the Day Camping Leadership program. The Day Camping program is designed to teach teens how to plan and carry out day camp activities in their home counties.

Dan was selected by this year's participants on the basis of his leadership skills.

In 4-H, Dan has also participated in State 4-H Days, National 4-H Conference, Citizenship-Washington Focus, Lebanon Area Fair, camp counseling, and Teen Council.

He will be a senior at Elco this fall.

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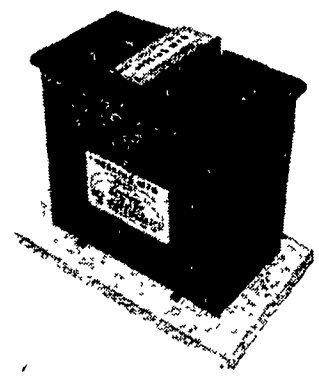

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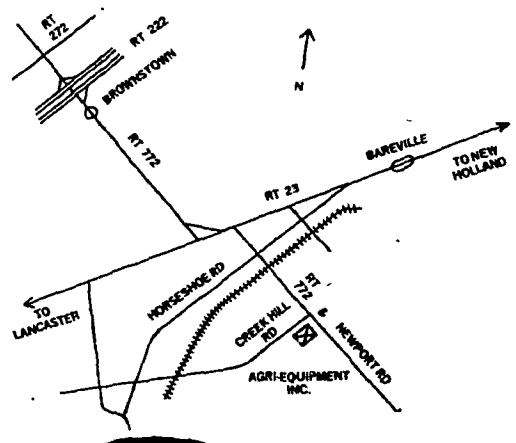

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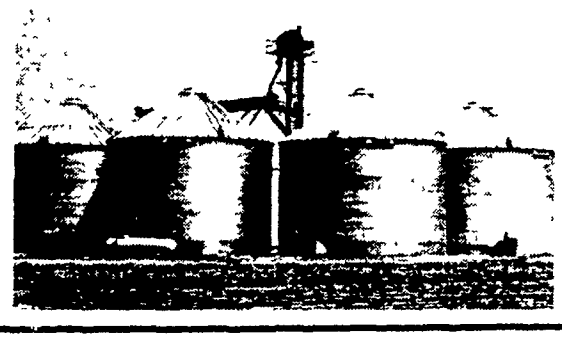

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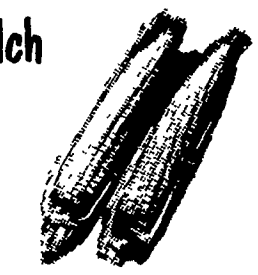

For the avid gardener

Mulching makes good sense

One of the backbreaking jobs in having a home vegetable garden is keeping the weeds under control. So why not get smart and use a mulch?

"The big advantages to mulch are that it would keep soil temperatures cooler and be an aid in weed control," said Arnold Lueck, Lancaster County's Extension agronomist. "It also improves the appearance."

According to Lueck, there is a wide variety of mulches available, and many of them are easy to come by.

Straw, old hay, weathered manure or any kind of plant residue can be used. Sawdust can also be used for plants such as blueberries which need a lot of acid in the soil. Sawdust, however, should not be used in vegetable or flower gardens.

A wide variety of peat moss is also recommended, as are the many different kinds of bark mulch. Licorice roots, salt hay, cocoa shells and buckwheat hulls may also be used.

In addition to these organic mulches, there are also inorganic mulches, including gravel, limestone chips and stones. Artificial mulches, such as polyethelene, a black plastic, can be used. These are good for vine crops, such as peppers or tomatoes.

Although there are many benefits to using mulch, there are also some drawbacks. According to Lueck, this spring was a classic case of when mulch can have some disadvantages.

"We had a very wet, cool spring," Lueck explained. "The mulching materials attracted slugs, sowbugs and pillbugs. The slugs fed heavily on a lot of vegetation. They were attracted by a combination of mulch and wet weather."

Slugs, however, can be controlled by chemical baits. Some home gardeners claim that a shallow pie pan filled with beer will also do the trick. The slugs crawl up the side of the pan, fall into the beer and die happy.

All in all, Lueck concluded that there were more advantages to disadvantages in mulching, and since July is the peak of the summer months, now is the time to do it.

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Fast food meals should include four food groups

SOUTHAMPTON — Most everyone has enjoyed such fast food items as hamburgers, hot dogs, and french fries. But many, says Dairy Council Inc., a nutrition education organization in Southampton, Pa., may mistakenly call these fast-service foods "junk food" when, in fact, there is no such thing. Every food has some nutritional merit, if only to provide energy through calories.

Fast food is far from nutritionally worthless. Its potential nutritional contribution to the diet is limited only by the variety of menu items available. This variety has widened from the original hot dog/hamburger/fried chicken meals to pizza, Mexican food, roast beef sandwiches, and seafood. Recent additions might also include soup, salad bars, and breakfast.

Judging from phenomenal growth figures, fast food has assumed a major — if not an ambivalent — role in American life. Surveys conducted in the late 1970s suggested that nutritional quality was not a primary concern of consumers when they selected a fast food restaurant. Instead, they looked for convenience, taste, and price. With today's emphasis on physical fitness, however, consumers are more interested in nutritional aspects of fast foods. Even while they eat these foods, they remain uneasy about them and wonder about their nutritional adequacy.

Consumers can eat healthfully at fast food restaurants by remembering basic nutrition rules. A healthful diet should include a variety of foods chosen from the four food groups (milk and dairy products, meats, fruits and vegetables, and grains) in servings and serving sizes appropriate to the individual's energy.

For instance, a meal consisting of hamburger, fries, and a soft drink contains foods from only three of the four groups. It has a moderate number of calories. Missing is a food from the milk group which provides calcium, an all-important mineral for bone and muscle function. Choosing milk instead of the soft drink, or a shake made with real milk would satisfy nutrient requirements.

Conversely, a meal of fried chicken, mashed potatoes, gravy, corn, coleslaw, roll, apple turnover, and milk includes all four food groups. But it is high in calories. These calories can be reduced if the gravy and apple turnover were eliminated, or only one or two servings from the fruits and vegetables group were chosen.

Adults should choose two daily servings from the milk group (children need four), two from the meat group (which includes fish, eggs, nuts, and legumes), four from the fruits and vegetables group, and four from the grains group.

An 8-ounce glass of milk or 1 1/2 slices of cheese make one serving from the milk group; two ounces of meat make one serving; a full cantaloupe should not be seen as a single serving from the fruits and vegetables group; and a sandwich consisting of two slices of bread provides two servings from the grains group.

Fast foods provide ample quantities of protein. Fat is part of a well-balance diet and fast food components (beef, cheese, mayonnaise) as well as the method of cooking (deep frying) are sources of fat. But too much fat in the diet can be a problem.

A well-balanced diet should also include digestible carbohydrates (starches and sugars) and fiber. Fast foods are rich in carbohydrates, but generally low in fiber except for salads and coleslaw—recent additions to many fast food menus. Traditional fast foods are also low in vitamins A and C. Calcium is available in whole milk or in shakes made with real milk.

The nutritional drawback of fast foods is the high fat-high sodium content. To reduce sodium intake, consumers can eliminate condiments, such as pickles, catsup, and mustard. Salad dressing should also be chosen with its sodium and/or caloric content in mind.

Pa. Ayrshire Field Day slated for DVC

DOYLESTOWN — The Pennsylvania Ayrshire Breeders send out an open invitation to everyone interested, for their upcoming field day. The annual Pennsylvania Ayrshire Field Day will take place at the Delaware Valley College farm in Doylestown, on Saturday, July 23 and will get under way at 10 a.m. and continue to 2:30 p.m.

Educational contests are planned as part of the day's activities, including, dairy judging classes, and weed and seed identification contests.

The Pennsylvania Ayrshire Breeders' Association will present production awards to high Ayrshire herds and individuals, based on their DHIA production records.

A tour is scheduled for those persons interested in seeing more of the Delaware Valley College campus. The tour will focus mainly on the college farm.

A box lunch will available for a charge of three-dollars.

Pa. Ayrshire Breeders' Secretary-Treasurer, Milt Brubaker of Lititz, encourages you to bring family and friends. Come and see this fine agricultural college and Ayrshire herd.

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Lemons stretch budgets and lighten meals

Lemons have many uses besides squeezing them for lemonade, says Greta C. Vairo, Extension home economist with the Penn State Extension Service. Use them all year 'round to flavor your food and your drinks.

Have you ever thought of squeezing lemons over parts of your dinner? A teaspoon of lemon juice can easily replace that expensive, calorier-ridden sauce on meats and vegetables. In other countries, lemon wedges are often served with the main dish; we restrict them to fish.

It's time to branch out and try something new. Lemons add a special zest and flavor lift to almost any dish — and almost no calories or sodium. Lemons will give you a bonus; each one supplies about 30 miligrams of Vitamin C — that's one half of your U.S. recommended daily allowance.

Lemons are plentiful in most markets and supermarkets this time of year. Here's advice from Penn State on how to buy and get the best use from lemons:

— Keep in the refrigerator in a plastic bag for as long as 6 weeks and at room temperature for about a week to 10 days.

—A lemon yields more juice when left at room temperature and rolled on the counter before squeezing.

— When you need the juice of only 1/2 lemon, store the 1/2, wrapped in plastic, refrigerated.

— Lemon juice freezes well. Keep some handy by freezing measured amounts — 1 or 2 tablespoons — as individual lemon ice cubes. Store cubes in a plastic bag, thaw, as needed.

— Added grated peel to sauces, dressings, or whenever you need extra zip. Grate before you squeeze. Lemon peel also freezes well.

— Lemon-butter brings new sparkle to vegetables; mix the juice of one-half lemon with one quarter cup of butter. Some prefer just the lemon juice.

Freeze seafood properly

LANCASTER — Blast freezers and carbon dioxide tunnels aren't standard equipment in American homes. So the home freezer may be called on to freeze those 15 pounds of flounder you brought home from your last fishing trip. The key to good home-frozen fish, like the key to good commercially frozen fish, is to start with a fresh fish that has been properly handled from the minute it was taken off the line.

According to Greta C. Vairo, Extension Home Economist with the Penn State Extension Service, fish to be frozen, should first be coated with a glaze to guard against freezer burn and oxidation. Freezer burn changes the texture of the fish, and oxidation, the interaction of oxygen with fish fats, can cause bad odors and flavors.

To prepare the glaze: - Measure ¼ cup of lemon juice into a pint container. Fill the rest of the container with water. - Dissolve one packet of unflavored gelatin in ½ cup of the lemon juice-water mixture. -Heat the remaining liquid to boiling. -Stir the dissolved gelatin mixture into the boiling liquid. -Cool the mixture to room temperature.

Dip the fish into the glaze and drain it for several seconds. (The glaze will be enough for about a dozen medium-size fillets.)

Wrap the fish in a saran-type wrap, label and date the package and place it in the coldest part of your freezer. Freeze seafood in small portions so it will freeze faster with less deterioration.

Lean fish such as flounder, snapper and trout can be safely stored in the freezer three to six months. Fatty fish such as bluefish, mackerel and mullet should not be stored for more than three months. Shrimp are best frozen in their shells in strong plastic bags. Scallops should be shucked and frozen in air-tight containers. Clams and oysters are best frozen in their shells, which makes for easy shucking and no loss of juices; but they can be shucked and frozen in air-tight containers too.

When thawing frozen fish or shellfish, never leave it at room temperature. Seafood is best thawed by placing it under cold running water for 15 to 20 minutes.

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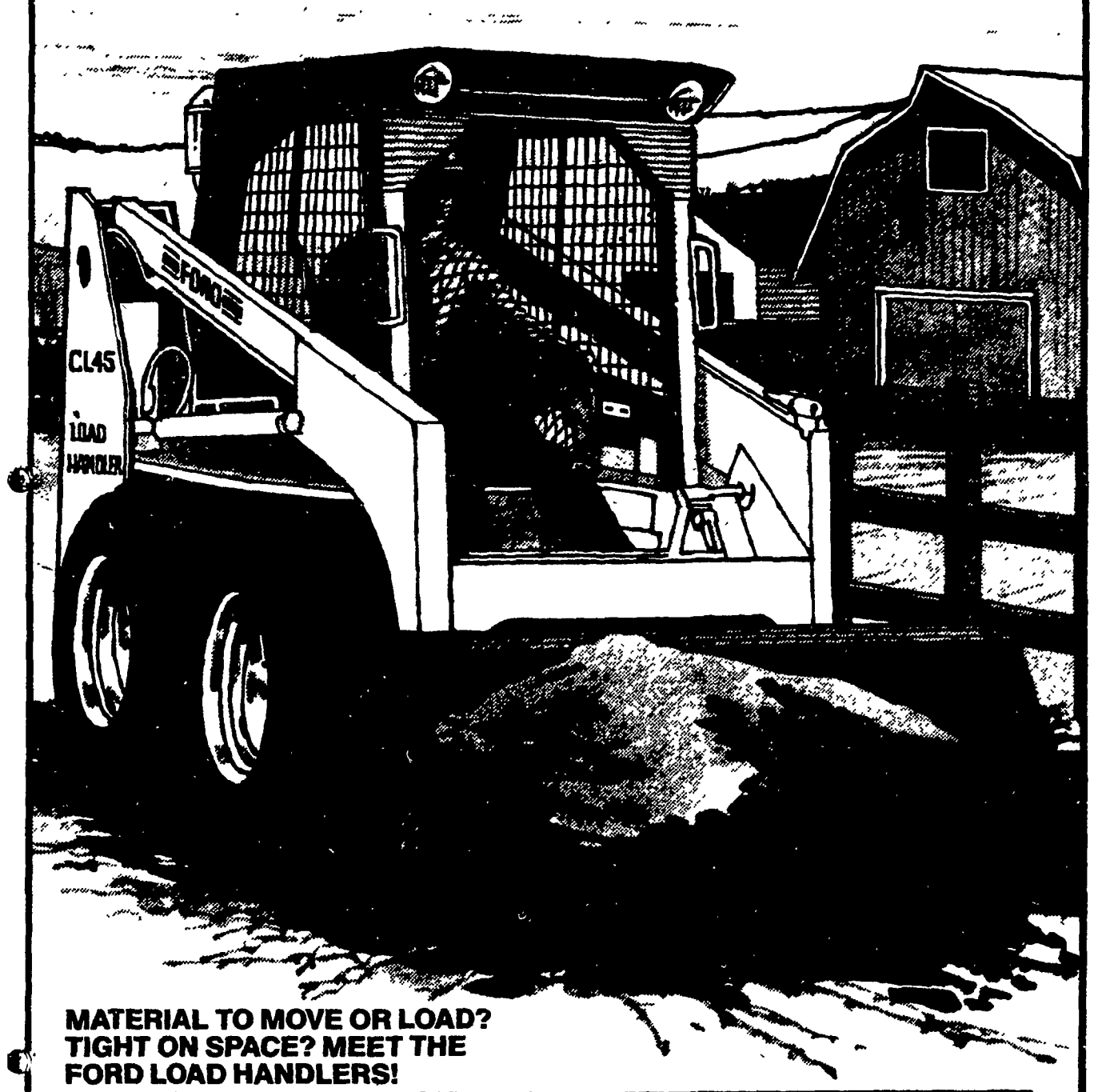

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Harrod named Hunterdon's Equestrian the Year

FLEMINGTON, N.J. — Elizabeth Harrod recently competed in the State 4-H Equestrian of the Year Contest at Cook College.

The 16-year-old Milford resident is Hunterdon's 1983 Equestrian of the Year. When the competition was complete, Liz was recognized as the 2nd runner up. Kim Sockwell of Cumberland County was selected as New Jersey's Equestrian of the Year.

Miss Harrod has been a member of the Tally-Ho 4-H Horse Club for four years. She currently serves as president of the county 4-H Horse Council. The Horse Council recently worked on improving facilities at the Round Valley Youth Center for their major service project. Under Liz's leadership, the council was able to earn a Senator Bill Bradley Community Development Award.

Her equestrian skills and knowledge are evident throughout the county and state. She has been an active member of the Horse Bowl and Horse Judging Teams and a participant in the State 4-H Horse Show. Each team has consistently placed well year after year in their respective divisions with many contributions from Liz. Individually, she has managed to place in the top 10 in county, state and national contests and shows. In 1981, she received a pewter bowl for having the best demonstration in her division at the State 4-H Public Presentation Contest.

Beef barbecue planned at Empire Days

HOLCOMB, N.Y. — The New York Beef Cattlemen's Association and the New York CowBelles believe in going back to the basics - the taste test-with their promotion of beef.

Members of the two organizations will again sponsor the Beef Barbecue Tent at Empire Farm Days Aug. 9-11 at Brock Acres, Holcomb, N.Y. This is the major fund raising project for the two organizations and the proceeds finance promotion, marketing and educational activities.

Free beef recipes, beef charts, and information about beef, raising beef cattle and both organizations will be available to all who come by the Beef Barbecue tent.

The Beef Barbecue is always a popular Empire Farm Days eating stand and this is the 15th year the New York Beef Cattlemen's Association and the New York CowBelles have sponsored the project. Each year about 5,000 pounds of beef are slow cooked over a charcoal fire and served on a bun with barbecue sauce. (For those rare persons who wish the barbecue sauce may be omitted.) Also on the menu are chips, pie, and beverage.

The Beef Barbecue involves months of planning by chairman Debbie Mather of Marcellus. This year she has been assisted with the ordering of supplies by Jean Frost of Holcomb. The shopping list includes two and a half tons of beef, at least 800 pies, two or three cases of paper plates (with 5,000 plates to a case) and much more.

An essentail part of the success of the Beef Barbecue is the availability to help to cook the meat (the charcoal fire is started about 2 a.m. each day), to set the tables, cut the pies and serve the thousands each day. A dedicated few members of the New York Beef Cattlemen's Association and the New York CowBelles take their vacation to include "working at Empire Farm Days" and bring their campers to stay on the grounds next to the Barbecue tent.

Each of the five Divisions of the New York Beef Cattlemen's Association is charged with supplying help to set up tables, clean up, work on the serving line, run errands, etc. Ellen Cisco of Lindley is supervisor of the volunteers and assigns each one to a task. Often a 4-H Club will be part of a Division delegation.

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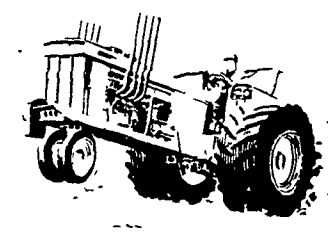


Buck, Pa.
Saturday, July 9

7000SS

1. Alfred Wiles, Mt. Airy, MD, JD4240, 284.5; 2. Tony Stauffer, New Holland, PA, Deutz 9006, 271.8; 3. Dale Smoker, Cochranville, PA, AC D-21, 264.8.

5000 Mod

1. Carl Kreider, New Providence, PA, MH44/427 Chev, 278.8; 2. Jeff Frantz, Hellam, PA, Hmde/2-427 Chev, 273.0; 3. Zane Forry, York, PA, Hmde/427 Ford, 268.4.

5800 FWD

1. Dan Fellenbaum, Lititz, PA, 69 Chev. F.P.; 2. Lynda Ziegler, Bird-in-Hand, PA, 70 Chev. 274.7; 3. Ronnie Lawry, Lorettsville, VA, 80 Chev, 270.5.

9000 SS

1. Coleman Wheatley, Bethel, DE, JD 4240, 280.0; 2. Tony Stauffer, New Holland, PA, Deutz 9006, 273.7; 3. Dale Smoker, Cochranville, PA AC D-21, 256.0.

7000 Mod

1. David Stockett, Davidsonville, MD, Hmde/2-468 Chev, 274.5; 2. Jeff Frantz, Hellam, PA, Hmde/2-427 Chev, 264.4/260.3; 3. Robert Brown, Hanover, PA, Case/Detroit, 264.4/244.0.

6200 FWD

1. Dan Fellenbaum, Lititz, PA, 69 Chev, 264.6; 2. Michael Ziegler, Bird-in-Hand, PA, 70 Chev, 245.1; 3. Rick Yocum, East Greenville, PA, 72 Ford, 235.6.

9000 Open

1. John Keslar, State College, PA, Hmde/4-440 Dodges, 282.10; 2. David Stockett, Davidsonville, MD, Hmde/2-468 Chevs, 280.2; 3. Willard Will, Central City, PA, Hmde/Allison, 280.1.

Edible oil agreement

WASHINGTON, D.C. — An amendment to a Public Law 480 Title I agreement was signed with the Government of Tunisia providing for the sale of $3 million worth of edible vegetable oil — cottonseed, soybean and sunflower.

Secretary of Agriculture John R. Block signed for the U.S., and Minister of Agriculture Lassaad Ben Osman signed for Tunisia.

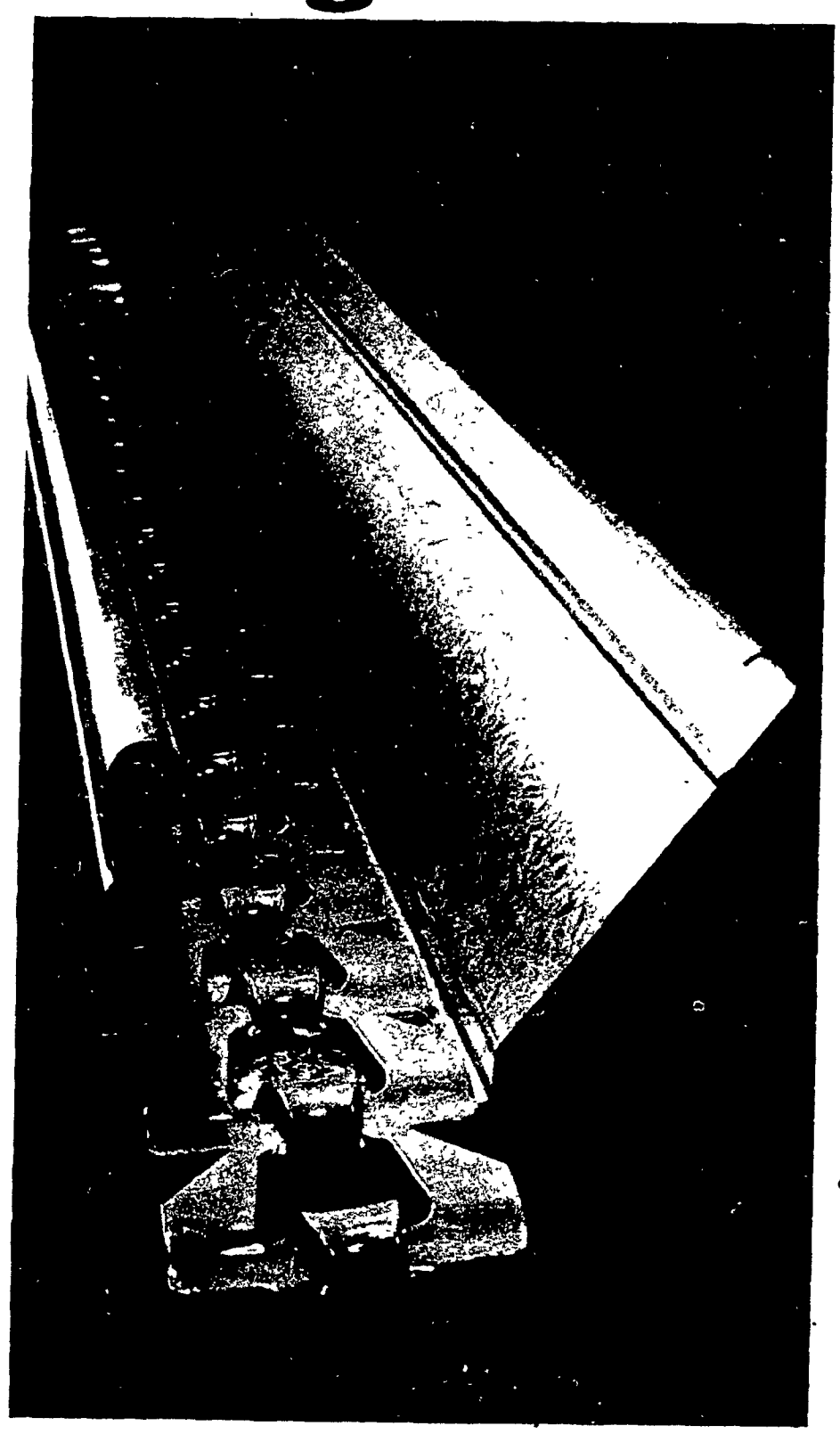
Melvin E. Sims, general sales manager for the U.S. Department of Agriculture's Foreign Agricultural Service, said the dollar credit agreement will provide for the sale of approximately 6,000 metric tons of edible vegetable oil.

The supply period is fiscal year 1983 and the sales will be made by private U.S. traders on a competitive bid basis. Purchase authorizations will be announced as issued.

Tunisia agreed to carry out a number of agricultural self-help measures, including expansion of the geographic area covered by the small farmer credit project. Other self-help measures include increasing the variety of loan activities which the credit project may finance.

For more information, contact Andrew Duymovic or Elizabeth Berry at (202) 382-9219.

A Cage isn't enough



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Del. youth to take part in State Cooperative Institute

NEWARK, Del. — Twelve outstanding young adults have been chosen to participate in the Cooperative Business Education Program sponsored by the Delaware Cooperative Council. They will represent Delaware at the Pennsylvania Association of Farmer Cooperatives (PAFC) Summer Youth Institute at Shippensburg State College, July 10-13.

Those named to attend the institute are: Brian Emerson, Middletown; Debbie Klair, Hockessin; Laura Severs, Frankford; Holly Webb, Wyoming; Deborah Wilson, Georgetown; T.K. Horeis, Felton, Melvin Woods, Hockessin; Christine Majchrzak, Seaford; Carole Fleetwood, Bridgeville; James Williamson, Bridgeville; Jeff Heagy, Bear; Roy Jarmon, Wyoming.

Winners were selected on the basis of their knowledge of the U.S. business enterprise system, their understanding of the cooperative concept of doing business, and their leadership roles in school, community, church and youth organization.

The group will be accompanied on their trip to Shippensburg by University of Delaware Extension Crops Marketing Specialist Carl German and Daniel E. Harris, executive secretary of the Delaware Council of Farmer Cooperatives.

According to Harris, the institute is designed to teach tomorrow's leaders more about the American business enterprise system, provide opportunities for individual leadership development, and alert participants to career opportunities in agribusiness.

More than 150 young people representing over 4,000 participants in the annual PAFC youth program will attend the four-day conference.

Climax of the institute will be the selection of delegates to attend the American Institute of Cooperation annual youth conference at Ohio State University later this summer. There, delegates will join 500 other future leaders from the U.S., Canada and Puerto Rico.

The Shippensburg institute is a joint effort of PAFC, local cooperative councils and the College of Agriculture of The Pennsylvania State University.

4-H'ers Win at Demonstration Night

BIGLERVILLE — The Adams County 4-H Demonstration Night took place recently at the Biglerville Area High School. 4-H members were judged according to the organization of the content of the demonstration and its originality, as well as the demonstrator's speaking ability during the presentation. The results of the competition within the senior division are as follows:

Beth Bishop, Gettysburg, Foods & Nutrition, blue; Sharon O'Brien, Gettysburg, Clothing & Textiles, blue; Judy Furlong, McSherrystown, General blue; Karl Tyson, New Oxford, Engineering, blue; Kathleen Todt, Hanover, Animal Science, blue; Susan Murren, Hanover, Animal Science, blue; Janet Ludwig, York Springs, Animal Science, red; Jeanne Smith, Abbottstown, Home & Family Management, red; and Daniel Klinedinst, York Springs, public speaking, red.

Junior Demonstrations received the following ribbons for their efforts: Lori Weaver, York Springs, Clothing & Textiles, blue; Emily Lott, Biglerville, Clothing & Textiles, blue; Darcy Robinson, Aspers, Clothing & Textiles, blue; Tanya Petry, York Springs, Food & Nutrition, blue; Amy Rodgers, Abbottstown, Home & Family Management, blue; Andrew Meckley, Abbottstown, Plant Science, blue; Jeffrey Robison, Aspers, Engineering, blue; Johnny Morton, Biglerville, Engineering, blue; Christine Todt, Hanover, Animal Science, blue; Jill Tyson, New Oxford, Animal Science, blue; Heidi Quanbeck, Fairfield, Animal Science, blue; Tony Boring, Aspers, Animal Science, red.

All county participants are eligible to further their experience in presenting demonstrations by competing at 4-H Regional Night, which is to be held on July 14th at Cumberland Valley High School.

Migrant farm work meeting set

SALISBURY, Md. — Farmworkers, growers, crew leaders and community groups will discuss problems and exchange information about migrant and seasonal farmwork with representatives of the U.S. Department of Labor at a public meeting in Salisbury, Md. The meeting will be held on Wednesday, Aug. 3, at 7:30 p.m. in room 149, Devilbiss Science Hall, Salisbury State College on South Salisbury Blvd.

Growers in Maryland, Pennsylvania, Delaware, Virginia and West Virginia have been invited to participate in the meeting which will focus on such issues as wages, housing and working conditions.

Representatives from the Labor Department's Employment Standards Administration, Occupational Safety & Health Administration and Employment & Training Administration will be available to answer questions on laws and programs affecting the employment of migrant and seasonal workers, according to Charles M. Angell, the department's regional administrator for employment standards in Philadelphia.

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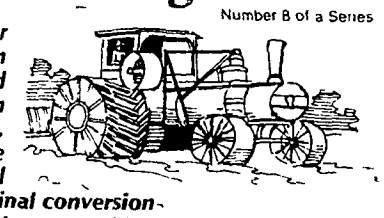

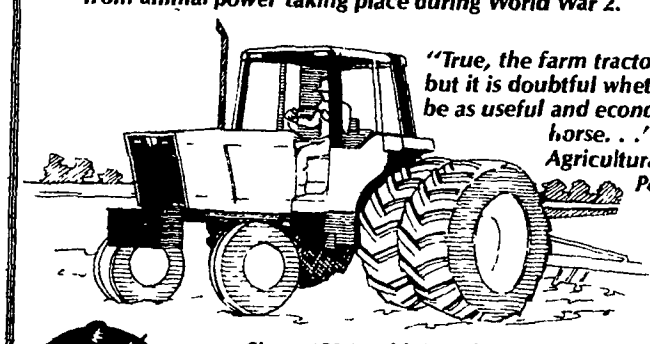

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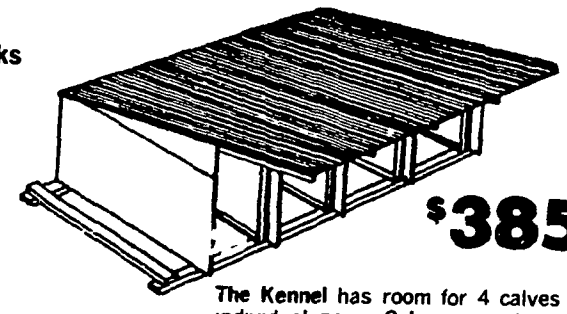

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Consider costs of food preservation

LANCASTER — A big reason many people preserve food is to save money. But there are costs associated with food preservation, and one that is often overlooked is the energy cost.

Whether you're canning, freezing, drying, or refrigerating food, energy is required. So figure in energy costs when deciding which preservation method is most economical.

Research suggests that canning may be the most fuel efficient method of preserving food. A one-time heat treatment destroys the microorganisms that cause food spoilage. The food can then be stored at room temperature in airtight containers that prevent recontamination. Research shows that pressure canning tends to be more energy efficient than hot water bath canning.

Studies of canning at 15 pounds of pressure instead of the traditional 10 pounds found very little difference in energy cost between the two. Processing some foods at 15 pounds of pressure may be quicker, but it takes more energy to bring the canner up to the higher pressure.

Freezing requires continuous use of energy until the food is consumed. It has been estimated that the energy needed to freeze a pound of food costs between 5 and 16 cents, depending on the size and efficiency of the freezer and how it is used. A self-defrosting or frostless freezer uses more energy than a manual defrost model. Also, a full freezer uses less energy than a half-full freezer. However, overloading a freezer with warm food increases energy consumption and may cause food safety problems.

Freezer space is valuable. Use it to preserve more expensive foods that the family likes, which are too difficult or time consuming to can.

In some cases, drying food may use the least energy, but it does require a major time investment, and dried products are very different from fresh ones.

Energy cost is just one consideration in deciding on a food preservation method. The amount of time you want to devote to the task and the desired flavor and texture of the final product are also very important.

Forage field day Wednesday

NEWARK, Del. — Delaware and Maryland farmers who grow hay or raise livestock are encouraged to attend a Forage Field Day at the Wye Research Farm near Queenstown, Md., Wednesday, from 9 a.m. to 2:30 p.m. The event is being sponsored by the extension services of the University of Delaware, Delaware State College and University of Maryland, local agribusiness firms and members of the recently formed Maryland-Delaware Forage Council.

A tour will include stops to observe plot work on alfalfa weed control using post-emergence herbicides on spring seeded alfalfa; pasture renovation with a no-till drill; and a comparison of spring seeded vs. fall seeded no-till alfalfa. There will be demonstrations of chemical hay drying using a drying aid at cutting to speed dry-down, as well as several models of mowers, rakes and hay tedders. Plans are also under way to demonstrate the making of big bale silage. After the program visitors will have an opportunity to return to the machinery for further discussion with dealers.

Cool your house without air conditioning

FLEMINGTON, N.J. — There are many ways to keep your home cool during the hot summer months without resorting to excessive use of air conditioning.

Ensuring good ventilation in the home is one method of keeping cool that requires little time and cash. Cool breezes speed up evaporation on the skin and provide a cooling effect. Open the windows on the shady side of the house, and close windows on the sunny side. Place a fan in one of the sunny windows facing out. This will draw and exhaust the hot air back outside.

If your basement is dry and has no odors, keep the basement door open slightly to allow the cool basement air to flow up through the house.

Closing draperies and shades on the sunny side of the house will help prevent solar gain and resulting heat, as will the use of awnings.

Plants may also be used to keep the house cool in the summer months. Traditional landscape plans call for the use of deciduous trees in the south and west sides of houses. These are the sunniest sides, and 2:30 p.m. is generally the hottest time of the day.

The abundant leaves of trees such as maple, ash, and oak act as a natural filter to prevent solar gain in the summer. Because deciduous trees drop their leaves in the fall, they will not prevent solar gain in the winter when it is needed.

Apartment dwellers and others who need quick and less permanent vegetation may want to consider the use of window boxes. Planting the boxes with quick growing vines strung up on a trellis such as morning glory or gourds, will provide a screen to help filter sun. Hanging baskets on a vertical pole or horizontal rod also screen sunlight and provide a psychological coolness.

USDA issues county loan, purchase rates

WASHINGTON, D.C. — The U.S. Department of Agriculture today issued county loan and purchase rates for 1983-crop barley, oats and rye.

Everett Rank, administrator of USDA's Agricultural Stabilization and Conservation Service, said USDA made some adjustments of county and state rates to reflect such factors as prices received by farmers, production and consumption trends and transportation cost.

Rank said county rates for barley grading No. 2 or better are based on the national average loan and purchase rate — announced earlier — of $2.16 per bushel, 8 cents above the 1982 level.

The rates for oats grading No. 3 are based on the national average loan and purchase rate of $1.36 per bushel, 5 cents above the 1982 rate.

The rates for rye grading No. 2 or better, or No. 3 on the factor of test weight only, are based on the national average loan and purchase rate of $2.25 per bushel, 8 cents above the 1982 rate.

The 1983 schedule of premiums and discounts for all three crops is unchanged from 1982, he said.

Rank said copies of the rates are available from the cotton, grain and rice price support division, USDA-ASCS, P.O. Box 2415, Washington D.C. 20013.

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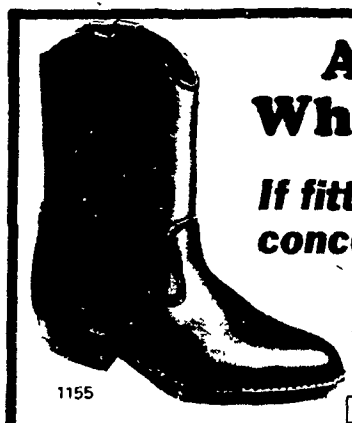
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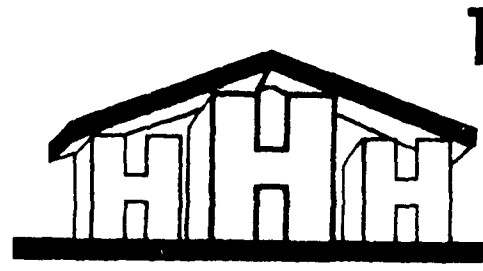

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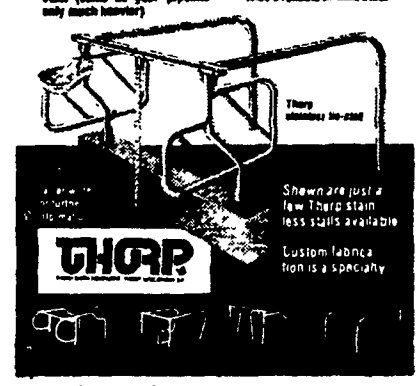

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Model 4600 (14" x 18")

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The Beeline's unique design eliminates the need to move a row of bales when opening a new field or border. Also ends the need to switch from road to field position.

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HUTTON FARM EQUIP.
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MAILBOX MARKET

Wanted - Good used sprinkler irrigation system suited for truck garden Harry M Troyer, RD 2, Plumbrook Rd. Norfolk, NY 13667.

For Sale - 19' Fifth Wheel travel trailer $3500. 4'x20' swimming pool & equip. $200. NI corn head Cumb Co. 717-776-5672.

For Sale - Reg. Suffolk yearling ram, good bloodlines 7 commercial ewe lambs, 10 wethers, ready for slaughter. Lebanon Co. 717-273-5432

MAILBOX MARKET

For Sale - Gilmore tatge barrel type grain cleaner w/one hp electric motor, used 1 year. $425 Lebanon Co 717-866-4655

For Sale - 1 reg Dorset ram 2 yrs. old $125 or will trade for same Cumb. Co. 717-776-3682.

For Sale - Snow Crown cauliflower plants ready now & for the next 6 wks Broccoli, Chinese cabbage. Lanc Co 717-733 2584

For Sale - 1970 VW convertable, excel. cond., rebuilt eng., new top, etc. Cumb. Co 717-776-5237.

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MAILBOX MARKET

For Sale - 182 taper sawed locust posts, will be at David Goods Sale, Leola 20 July 83, Lanc Co

For Sale - Wood stove w/hot water tank, $350. Daniel K Stoltzfus, Strasburg RD1, Box 215B, Pa. 17579 Eisenberger Rd

For Sale - 1982 Toyota longbed 4x4 truck w/air, $8500 York Co 717-993-3403

For Sale - Gas for Chev. ½ ton pick-up mounts on left side. 32 gal. w/valve. $125. 717-993-6111 after 5 p m

For Sale - Golden Retriever puppies, AKC reg. males $150, females $200. Susquehanna Co 717-278-1817.

Wanted - Tobacco rails for scaffolling & A frames Jonathan G Lapp, Myerstown RD2, Box 274, Pa 17067.

For Sale - 2 tow trucks 1962 Ford F600 & 1958 Chev Weck-Master full power $2300/ea. or best cash offer 609-629-6596

For Sale - FAFF sewing machine w/cabinet fancy stitch good cond., $395 Cash register mechanical operated, $95. Lebanon Co 717-273-6018.

For Sale - 73 Int. truck 1910 series DV-550 engine 30,000 GVW, LWB $5,500 firm. Lycoming Co 717-398-2707 after 6 p.m

MAILBOX MARKET

For Sale - Indust ial adhesive, 20 gal. at $2 per gal. 302-994-2996 before 8 30 a.m or after 7.00 p m Wilmington, DE

Wanted - 7 or 8" wide seamless belt, 100' long. Carroll Co 301-239-8285

For Sale - Lambs, white & black $45 each. Also, Aracanns chicks, lay colored eggs. Adams Co. 717-528-8555.

For Sale - Welded all steel cattle racks for pickup truck & complete DeLaval pail milker & parts Lanc. Co. 717-284-4521.

For Sale - JD 435 deisel, good cond Lanc Co. 215-445-5438.

For Sale - For hook celery plants $1 50 per hundred. Lanc. Co. 717-859-3456

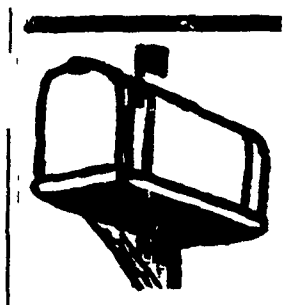
For Sale - Frick 2 saw edger in very good cond. $1200 Schuylkill Co. 717-345-3162.

For Sale - 10' open road truck camper, self contained, $475 or B.O. Chester Co 215-932-3936.

Wanted - Small farm or house w/ground in Hammonton, NJ 609-227-3027

For Sale - 250 gal gas tank on skids w/ gas bay pump 2 - LPS tanks Lanc. Co. 717-284-4565.

For Sale - "B" JD tractor runs good, hand start, $300. Myers, new, snow plow lift, $100. York Co 717-382-4881.



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Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience. all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper, no business advertisements accepted

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Lancaster Farming
P O Box 366
Lititz, PA 17543

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MAILBOX MARKET

For Sale - 2 black ram lambs, 1/2 Lincoln and Polypay and ½ shropshire Excellent for colored wool breeding. 215-793-1595, Chest. Co

For Sale - Saddle Bred Carriage horse $800.00, Isaac E. Stoltzfus, R.#2 Nottingham, Pa., at Little Britain, Lanc. Co. 19362.

Wanted - Used gooseneck horsetrailer 20-24 feet length- 7 ft. height. Jim Mazanec, Grove St, Greenfield, Mass, 413-773-3085.

For Sale - 55 ft of Jamesway single chain conveyor with incline, decline, drop-out section Adams Co., 301-346-7740 or 717-359-4878

For Sale - Vinegar and honey also custom honey extracting., 717-354-7209, Ben Z. Shirk, R#4, Ephrata, Pa., Lanc Co., 17522.

For Sale - JD 50 Good condition new paint cultivators & JD No. 5 Mower also JD 801 hitch Lanc. Co., 215-445-5103

For Sale - String beans, sweet corn, orders taken for Lima Beans. Sam King, South Belmont Rd., West of 896, Ronks, Pa.

For Sale - AKC Purebred German Shepherd puppies, Chest. Co, 215-593-5572, Atglen, Pa., 19310

For Sale - 2 Utility Elevators 1-16' 1-22' 717 872-5841, Lanc. Co

For Sale - Snow crown cauliflower plants in later part of July. Paul M Hoover, RD#1, Box 363, East Earl, Pa 17519.

For Sale - Steel parts and bolt bins w/dividers, clothing lockers, extra heavy wood cabinets for parts. 215-286-5311 or 215-286-5434 Berks Co.

For Sale - Guineas 1 wk-6 wks old, Berks Co., 215-779-3951.

For Sale - 3 pcs, Copper wire 2/0 RW 500- or RH 750- 600 V paranite Hydro-therm $100 00. Perry Co., 717-582-4598.

For Sale 7 yr Sorrel Mare, quiet and gentle all shots, $500 00 Assorted English and western riding clothes Perry Co, 717-582-8343

For Sale Large firm tomatoes retail & wholesale. Jacob F Stoltzfoos, Kinzer R1, Box 51, Lanc. Co. Pa 17535.

For Sale - 800 Gehl forage harvester w/wide & narrow 2 row head, like new Lanc Co 717-626-6980

MAILBOX MARKET

For Sale - 15 springing heifer from a 16,000 lb herd- good size, York Co, 717-456-5854, 717-456-7285.

For Sale - 2 back windows for Ford pickup. 73-83 Wheat straw approx 600 bales. Johnson 123 SJ, Cecil Co., 301-378-2451.

For Sale - 30 Bu. Weaverline Silage Chart, $1,000.00. Lanc. Co., 717-786-3527.

For Sale - Three 8'x7' pine sliding garage or barn doors with track. Good condition $125. Lanc. Co., 717-786-3434.

For Sale - Cat D-8 Dozer. Cable bull blade rear wench. Wanted - Repair manual for David Brown 990 Selectomatic, Col Co., 717-864-3373.

For Sale - Massey Harris 44 Gas w/hyl. also Massey Harris 22 gas w/3 pt. hitch, hyl. and cult, Sch. Co., 717-386-4324.

For Sale - Two-Chouse-Hinds lights GAF 480V 2 4A-60H2 1000W $50.00 or best offer 215-383-0716 Coatesville, Chest. Co.

For Sale - Reg. Hol. Bull, 14 months old nicely marked Sire-Apollo, Dam-Gay Ideal 717-532-6534, Franklin Co.

For Sale - 500 wooden tomatoe baskets, still usable, 10 cents each, Joseph N. Peachey, Belleville, Pa., 17004 Mifflin Co., 717-483-6720.

Wanted - Used Oliver bale thrower Model 19. Cumberland Co., (717)-776-3707.

For Sale - 1972 Sheffield mobile home, 12'x65', 2 bedrooms, good cond., $5000. Cumberland Co., 717-776-6143

MAILBOX MARKET

For Sale - 40 Sun wire wheels 20"H x 1¾"W solid rubber tires ball bearings to fit ¾" axle $15/each. Lehigh Co. 215 282-1640.

Wanted - Used manure pit elevator, good cond., give price. Christ M Beiler, 2963 Miller Lane, Ronks, Pa 17572, Lanc. Co.

Wanted - Auger 4 to 5" approx 40' w/without motor Also 2 hp drying fan. Lanc. Co. 717-656-7270.

For Sale - 4 yr. old mixed Appoloosa gelding. $600. York Co. 717-292-2012.

Wanted - 12" to 36" planer & metal banding for lumber. For Sale - MF 82 combine $450. Lanc. Co. 717-733-8434.

For Sale - Cub Cadet lawn tractor 12 hp w/48" mower deck & hydro trans., good cond Lanc. Co. 717-393-7452 eves.

For Sale - Dump truck w/good hoist, no engine, make offer. Lanc. Co 717-354-0289.

For Sale - Nice black-faced ram 2 yr. old, was twin $80. black-faced young ram old since Feb. $60. 717-733-8579.

For Sale - JD #38 harvester w/2-row W corn head & grass pick-up. Best offer over $700. Cumb. Co 717-776-6242.

For Sale - 4 rams & 1 ewe, 4 months old, Suffolk-crossed. Lebanon Co. 717-865-5132.

For Sale - PTO manure auger, 12" 30' long $800. Union Co. 717-523-7134.

For Sale - 12' portable alum. elevator, $100. 6' Gehl flail chopper, $500. Endgate drag for elevator, $50 Huntingdon Co 814-447-3383

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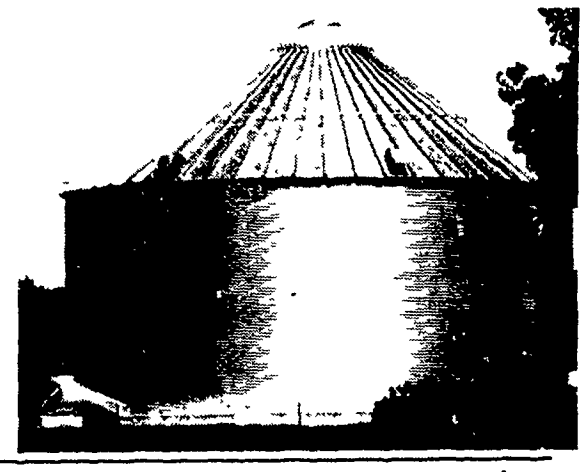
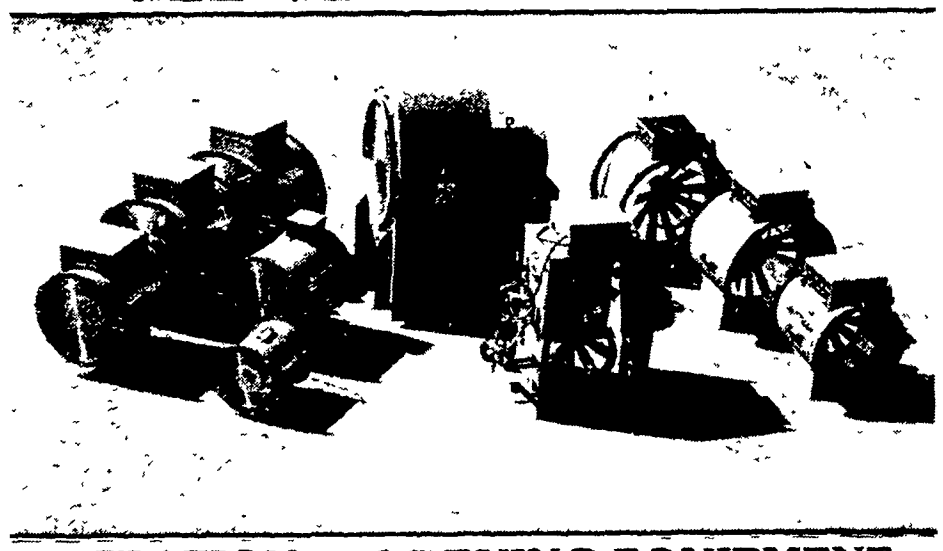


AIRSTREAM



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For Sale - 14 ft. aluminum silo roof, needs fill panel. $325 00 buyer removes roof Lanc. Co , 717-786-3405.

For Sale - Registered Duroc Boar, breeding age Call after 8 p.m (717)-838-5576, Leb. Co.

For Sale Brady 9 tooth chisel plow 3 ptH Int 370 12' Disc with attached time harrow. Lycoming Co , 717-433-3630

For Sale - 56' Ford F-350 Dump Truck, good shape $2,500 firm, 4-wheel hay wagon, with sides $250 firm. Sch Co , 717-345-4514

For Sale - Black registered standardbred mare (7 year) w/foal to be registered Works double or single. $700 717-634-2481. Lycoming Co

For Sale - Grain Dryer, GT Model 570 Recirculating batch dryer Very good condition (215)-965-9629 after 7 p.m., Lehigh Co

For Sale - 8 ton Mulch hay $38 per ton, Sch. Co., 717-345-4489.

For Sale - 10 ton nut coal $55 00 a ton. Can deliver 1976 Ford Pinto runabout excellent condition. 717-345-8114

For Sale - Registered Morgan yearling filly. Lippitt and Government Bloodlines. Excellent conformation, extremely friendly. Bedford Co., 814-847-2802 or 847-2697

For Sale - MF 135 gas 2700 hours, nice paint 50% rubber $2500.00 or best offer, ' Jonas Burkholder, R#3, Ephrata, Pa.

For Sale - Purebred Cheviot sheep yearling ewes & ram-2 yr ewes & ram and lambs Lanc Co., 717 733-8770.

For Sale - Registered suffolk ram lamb born 2-13 83, Khaki Campbell duck eggs by the dozen or case 717-442-8069, Lanc Co

For Sale - AKC Sheltie puppies (toy collie) Milk porter sputnick $600., 717-768-8569

For Sale - ¼ Birch lumber short lengths 15"-42" rough planed 2 sides $.55 board foot, good quality, Lanc Co , 717-394-3607

For Sale - Excellent 1965 4WD Scout, Farmall Super C with fast hitch, sheared blue spruce christmas trees. Lanc. Co , 717-872-5263.

For Sale - Alpine wethers, does, milkers. ADGA Black polled buck $30-$85. 1956 Chevy, 1965 Mustang $895.00 each., York Co., 717-927-9327.

For Sale - 2, 4 yr old Standardbred horses. Sweet corn, wholesale, Amos F. Beiler, R.D. #1 Gap, Pa., White Horse.

For Sale - To loving homes, pure black ½ Siamese kittens, mother purebred Siamese, litter trained, not to be barn kittens! 717-789-4358.

For Sale - Tractor tires. 2 - 12.4-38, 2 - 12.4-40, also front tires & rims 4 - 5.50-16 717-867-1011 after 6 p m

For Sale - 15kw pto Winco generator w/shaft, seldom used $1000. Harford Co. 301-452-5527 after 6 p m

For Sale 1974 Dodge window van, 318 engine, PS/PB, AT, 2 seats, mech sound, needs body work, $995 Lanc Co 717 548 2893

For Sale Air dried poplar boards, various width & length, best offer for 50 cords of firewood Lanc Co 215 445 5297

For Sale - Farmall Super C w/cultivators, 1976 Vega Station Wagon, air, power steering, radio 717-426-1539 after 4 30 p m

For Sale - Woods 6' rotary cutter, twin blades, pull-type, rebuilt $600 Right door 73 Dodge pickup $75. Lanc. Co. 717-872-5712

For Sale - AKC Basset Hound 8 mo old Vac & Wormed $150 Cultivator & 4' Sickle Bar. Dauphin Co , (717)-545-7128

For Sale - 3 Commercial gas ovens like new 717-933-4082.

For Sale - 20 KW Winpower LP powered generator set, 120/240V single phase, Automatic start and transfer Sw Lanc Co , 717-367-5631.

For Sale 1974 Chev. C70 Diesel truck with 16 ft dump grain bed, 33,000 lb grass. 717-444-3968, Perry Co

For Sale - Papec hammermill $50. JD Mounted cultivators, $50 Int flail chopper, $400 Wanted - JD fenders, 717-292-4067, York Co

For Sale - 930 Case-Diesel new rear radials-cab Leb Co., 717-933-8281

For Sale - 1974 Mercury Brougham, good condition, $1200. Cumberland Co., 717-776-5192.

For Sale - AKC Chihuahua Male puppies $85 each cash only 717-755-7422, York Co.

For Sale - #45 round back JD combine, for parts. Good Hercules engine. Sell cheap. Call 814-766-2675, Bedford Co.

For Sale - Int. 56 blower, good cond., 301-797-3921 Hagerstown, Md

For Sale - Full set of NI Cut/ditioner flails. Used only for first cutting, $350. Ephraim Miller, Christiana, 17509, Lanc. Co

For Sale - 13 ft. Grain Reel for Massey Ferguson 300 Combine replaced with Hume Reel. Excellent Condition $100 00, 215-926-3690

For Sale - 50 bu small grain rye seed recleaned, 12' Massey combine reel very good, Antique engine Lanc Co , 215 445-6880.

For Sale - Used Harmsco stainless steel 6 cartridge above ground pool filter w/hayward pump and 3/4 H.P. motor Lanc. Co , 717-768-8901

For Sale - Milking Shorthorn Calves and stainless steel double drain sink for milkhouse. Chest Co , 215-869-2655.

For Sale 1963 Dodge 300 truck 9' stake body 6 cyl engine. 750-16-8 ply tires $450. Berks Co., 215-756-6758.

Wanted - Used 38" Tractor tire. Will like from Manheim please call again, 215-926-3167.

Wanted - Light weight driving team About 15-15½ hands, high, 201-956-1294.

For Sale - Rye seed off combine out of field you haul. Lititz or E-town area (717)-626-5397.

For Sale - 67 Chevy ¼ ton four speed pick up truck Also 4 17" 8 lug wheels., 215-589-4048, Berks Co.

For Sale - Used Expanded Metal hog flooring, 8 ga., 4'x8' sheets, $10 00 sheet plenty of selection Snyder Co , 717-539-2711.

For Sale - Farmall H tractor with mounted cultivators Excellent rubber. Adams Co , (717) 637-8062

For Sale - High pressure state inspected hydraulic or airtank $150 00 Old phone & Victrola parts 717 588-6350 eves Pike Co

For Sale - AKC Irish Setter or Registered Border Collie Stud Service after 5 00 p m Lanc. Co , (717)-687-6948.

Notice - Massey Harris Tractors Models 22 & 20. $425 ea. R.E Ness-Old Stone House Box 249, Manchester, Pa 17345

For Sale - 16" wood splitter-24,000 lb. two stage pump, w/5 hp Briggs & Stratton motor. $425, York Co., 717-862-3702.

For Sale - Registered Australian Shepherd pups Parents on farm Ready to go Southern N J , 609-358-2622

For Sale My best 4 commercial and colored ewes plus ram, excellent flock potential, $375 00, 301-557-9311, Harford Co

For Sale - 16 acres, home, basement, porch, steam heat, barn price negotiable. R D.#1 Box-60, Groff Rd , Millington, Md 21651

For Sale - JD 3020 gas tractor $4800. Lanc Co. 717-354-5092

Wanted - 1 row potato digger York Co 717-252-2455

For Sale - Complete kit to convert standard Chevy, Ford, Dodge or GMC pickup into dump truck. Electric, hydraulic, $600. Northampton 215-767-9039.

For Sale - LN700 '974 361-5&2 18' Onnau flatbed dump 10 x 20 spoke 60,000 miles $6,500. Preston Co. 304-735-3352.

For Sale - Antique gas engines, 15 hp Bessemer, 8 hp Evans, 15 hp Evans, 12 hp Phillips (curved spokes) Will trade. Lanc. Co. 717-687-6412.

Wanted - Used overhead doors size 1-10'wide x 10' high, 2-10' Wide x 8' high, Cumberland Co., 717-243-9059.

For Sale - 20 ton feed bin 215-856-7654, Berks Co

For Sale - New Idea five bar rake, like new $1,300.00 Berks Co , 215-589-5228

For Sale - Sony 5" B&W TV-works $20.00, Am-Fm stereo type player $20 00, pet guinea pigs, 717-789-4358, Perry Co

For Sale (5) five ½ Jersey, ½ Holstein heifers 5-6 months old Dams to 20,000 lbs milk Franklin Co., 717-532 4087

For Sale - 1967 Mack Twin Screw good motor, transmission rears, price $2500.00, Fulton Co , (717)-987-3551

For Sale - 2 Jersey cows due Dec & Jan , Perry Co., 717-834-3783

For Sale Holstein Dairy 25 cows 13 registered 12 grades Young herd milking well on DHIA, Bradford Co , 717-746-3637

For Sale - 3 yr. PDA mare, 12 yr Reg. Walker gelding, 300 amp. AC-DC Heli-Arc milker welder. Sullivan Co , 717-924-3756.

For Sale - Inter. T5 crawler for parts with good blade. Joe E Brenneman, Route 1, Meyersdale, Pa , 15552, Somerset Co.

For Sale - 10' wide 14' high garage door, Torsion springs, one row glass $375 Somerset Co., 814-634-0140 after 4:00 p.m.

For Sale - 1983 French Alpine Buck, sire, Diamond Sunshine Reflector, Dam. Amyr Em Stella's Edge-of-Night, $150 00 Centre Co , (814)-466-6606

For Sale - Rat Terrier puppies, black with tan males Good ratters or pets $35. No Sun, calls York Co , 717 235 2200

For Sale 2 young mules need work Samuel K King, 3568 Scenic Road, Gordonville, Pa 17529, Lanc Co

For Sale - 1 Nu-Pulse pail and lid 150 00 or best offer 1 welder generator 200 Amp w/wisconsin engine, Northumberland Co , 717-649-5722

For Sale 1970 Int Cabover w/18 van body will sell separate 33,000 GVW 215 767-5045 Lehigh Cty

For Sale - AC #904 Haybine, Good cond., $800, Manure loader & bucket for Farmall H or M., 215-598-7527, Bucks Co.

For Sale Northwest single hopper auto potato bagger model ABH I completely rebuilt & painted Lanc Co /1/ 86/ 2124

Wanted NH model 49, 50 or 53 pto thrower for parts, wide front, high clearance for MF 65 Leb Co 717-866-6625

For Sale 1 male, 1 female Nubian Goat, 10 wks $25 ea. 3" Diaphragm pump $450 Berks Co 215 582 3066

For Sale Farmall B-N tractor w/cultivators NI 7' trailing mower 7 - 10' sections of tapered board cattle feeder. North'd Co 717-758-6221

Wanted - Solid & louvred shutters, used Crawler dozer or loader w/wo backhoe Northumberland Co /1/ 286-5306

For Sale - Brown & cream hand crocheted room size rug approx 12' x 14', set of 15" car wheels Berks Co. 717-933-8128

For Sale - Used rotary hog feeders & nipple water's 1090 Hesston windrower, excellant cond. $4750 215-589-2966 or 717-866-4185.

For Sale - 1981 Suzuki GN 400X, only 2400 miles, like new, best offer over $800 Lanc. Co. 717-898-2187

Wanted Tire rim 10 x 38 for a Farmall H no rust, also a swinging drawbar Lanc Co. 215-593-5914

Wanted - Bulk tank 650 gal., vacuum pump, 6 mini cups or complete Surge pipeline. Berks Co. 215 856-7842, no Sun calls

For Sale - Goat kids $12 also rabbits Levi F Esh, Jr, Quarryville RD3, Pa. 17566, Box 387 Rt 896

For Sale - 1971 Dodge 400, 20,000 GVW, 14,000 mi , new rubber, paint & dump body, York Co. 717 993-3350 after 5 p m

For Sale - Bred Sow 3rd litter $250 Clean 55 gal drums $6 /1/ 469-2379 after 3.30 p m

For Sale - Hardy water lilies, 5 colors to choose from ' Lotus lilies & aquatiecs plants Lanc Co. 215-267-7846.

For Sale Oliver tractor 1750 diesel 80 hp w/15 speeds forward, 3 reverse using easy to shift York Co 71/ 292-6435

For Sale - 542 Oliver combine 13' S P 71/-626-8257

For Sale - 10 gal. fish tank & stand & lights. Lanc Co. 717-665-2941.

For Sale - Reg LaMancha buck, stud service, Lancaster sires Vodka, Tonka 215-445-6622

For Sale - Harvesthandler 16' elevator like new cond. $300, JD mower 7' cut. $100. AC roto-baler $125. Columbia Co. 717-784-1967.

For Sale - Feeder, Van-Dale (Mammoth 14") for parts 130' long $350. Dauphin Co. 717-692-2422.

For Sale - Alpine & Nubian dairy goats. 1 buck & does, milkers & kids Good lines & reasonable prices Berks Co. 717-689-9895

For Sale - 2 yr old Standardbred filly & yearling colt Trotting bred Excellent bloodlines, reasonably priced York Co 717 938 3853

For Sale - Bressler type roll a-way nest & pads, heavy plastic, asking 90 cents ea , other poultry equipment Lycoming Co 717 435 5216

For Sale NI side delivery rake, excellent shape, Chester Co 215 593 5/54

For Sale Woods rotary mower, 8½' cut, #208, trailer model, like new, $1975 215 367-6160

For Sale - NH 892 Harvester w/3 row narrow head Wanted Badger single chain conveyor end feeder Lanc Co 717-665 3865

For Sale JD 430 tractor & loader / mower 3 pt cultivators 1 bottom trailer plow Leb Co /1/ 656-8036

Wanted Operating dairy farm, no down payment Jackson, PO Box 696 Rochester, NY 14603 Phone /16-454 4235

For Sale mulch hay, approx 300 bales, best offer York Co /1/ 292 6441

For Sale Big 3 yr old standardbred carriage horse Sees trucks if not driven enough $1000. Lanc Co /1/ 354-5060

Notice - Trade AC 4 row disc type corn planter on rubber w/fert boxes for 2 row, 3 pt Kirkwood /1/ 529-6/15

For Sale 1/ Golden Comet laying hens, $1 50 each, 24 Golden Comet pullets $2 50 each York Co /1/-252-3/32

For Sale - Areomotor windmill, $2000 194/ Studebaker truck, partly restored. 1974 Jimmy GMC, 4 whl. drive, $1200 215-593-2396 Lanc. Co.

For Sale - 12' refrigerated produce cabinet w/¾ hp Kelvinator unit, in good working order, $125 Lanc Co. /1/-656 6379.

Wanted - 2 acclimated Holstein or Holstein & steers, 600 800 lb /1/ 665-5/28

For Sale Harvestore 20x30 hi-moisture corn /20 IH chopper includes grass & corn heads 686 IH tractor Wyoming Co. /1/ 836-5612

For Sale Int 1972 truck, 16 ft grain bed Sissor Hoyst, gross weight 30,000 $4,250 Lanc Co /1/-626 9606

For Sale 1975 750 Honda, new tires, Farino, windshield, saddle bags stereo system, plus more, exc cond , Berks Co 215 678 2649

For Sale 32x96 ft tobacco shed, 3x5 rails, good tin roof, bids taken, Lanc Co 215 445 6453

For Sale Wide track, HG crawler for parts, Lanc Co /1/ 626-0138 Lititz, PA 17543

For Sale - One American Bison (Buffalo) purebred bull calf, age 9 weeks, $450 York Co /1/ 225-4317.

For Sale IH 424 diesel on steel, good condition, $2500 Lanc Co 215 445 4649

For Sale 10 x 40 Stave silo to be taken down, staves and roof good, doors need repair, $200 /1/ 626-6765 Lanc Co.

For Sale - Goats-2, Saanen Bucks 8 wks. old, $35.00 each, good brush or weed trimmers. Lanc Co. 717-354-7043.

For Sale - A.K.C. Collie puppies, nice markings, 717-354-0176.

For Sale - 3 yr. old standard bred carriage horse, $375.00. 215-445-5796.

For Sale - Rear attached 6' Sicklebar mower on wheel. PTO driver w/draw bar hitch. $100 after 6 p m. Bucks Co., 215-679-4069

For Sale - 701 Unisystem, 726 Husking bed, 720 head Field ready, also Mity Mac Skid Loader, Lanc Co , 717-367-6292

For Sale - Service age bull sired by tradition dam by Marvex GrDan VG 87 excellent udder with over 800 fat Can Deliver 717-687 8893

For Sale Massey Ferguson 65, Gas, Industrial 5' loader, 3 pt backhoe and counterweight 717 927 6564 eves , York Co

For Sale 6 yr old Standardbred carriage mare Traffic safe Elam K Beiler, N Bonsall Road, RD#6, Coatesville, Pa. 19320

For Sale 2 Charolais Cows with calves, 1 Holstein service age bull. York Co , 717-259-7064

For Sale Gooseneck trailer, 6 wheel, 20,000 GVW, 8'x24 deck, 8'x8' top deck, $2000 Case backhoe, Lyc Co /1/ 584 5276 eves

For Sale Reg & Grade Nubian kids, all sizes & colors Bucks & does $25 $/5 Berks Co 215 987 6098

For Sale Reg Nubian buck Dehorned & very gentle Ready for Fall breeding $100 w/papers $/5 w/o papers 215 987-6098

For Sale Thoroughbred yearling gelding, Reg, should mature 16 hands Roan will turn grey, $1500 Hunterdon Co , 201-782 6162

For Sale 14 heavy duty farrowing crates w/raised stands woven floors, near new cond , $500/unit Harrisonburg, VA 703-867-5419

For Sale Purebred Border Collie puppies, 8 weeks old, shots and wormed Great working dogs. Gloucester Co , 609 467-1036

For Sale - 2 self-unloading potato bodies on 1969 Int. trucks, best offer Tomato boxes and corn crates Schu Co 717-648-5056

For Sale Truck bed, factory built. /½'W 9½'L w/3 ft sides, exc. cond Harford Co 301 557 /31/

Notice Will have more flowers at Goods Auction, July 20, 1983 at Leola, Pa

For Sale Utility carrier trailer, 14'x7', 6000# cap tilt bed w/3' sides, dual axles, elec. brakes Ches Co 215 384 /476 days

Wanted oak framed display cases, countertop or floor standing at reasonable price, small set double disk harrow Cumb Co /1/ 243 5378

For Sale 580 Case backhoe, nice cond , $7750 Model 9000 white single axle tractor & 28' trailer Sch Co /1/ 345-8426

For Sale NH #36 crop chopper, exc cond , Schuylkill Co /17 682 9932

For Sale - Reg Q H mare, 15 2H, good-natured Sound, versatile, dependable Good home, make offer Mercer Co , NJ 609 466 9036

For Sale JD B tractor w/fenders, cultivators, hyd cyl., good rubber, new battery York Co /1/ 235 1855

For Sale - Sorrel saddlebred driving horse, mare, w/papers, 16 2H, good roadster Jonathan S Beiler, R1 Noble Rd , Kirkwood, PA 17536

For Sale - Vemeer 605B, round baler, very good cond , $3900 Case 930 diesel, good $4500. Indiana Co. 412-783-6333.

For Sale - Four to five ton grain or feed storage bin, good cond., $100 or best offer /1/-386-4310 Carbon Co.

For Sale - JD 2940 MFWD, 460 hrs., 80 HP w/wo JD 260 loader JD A Lanc Co 717-872-8659

For Sale - Pygmy goats for pets Lanc Co 717-665 6272

Wanted Homes for mixed collie puppies and mixed labrador puppies, 8 weeks old Leb Co /1/ 272 3876

For Sale Ford Golden Jubilee tractor, 35 HP, live hydraulics Good rubber, 3 pt $2000 or best offer /1/ 865 7022 Leb Co

For Sale Tractor tires, 2 11 2 & 38 like new & tubes Doberman pup, 6 weeks old, male & female /1/ 284 3280

For Sale Used heavy duty 5 hp electric motor, Lanc Co /1/ 786 /130

For Sale Horse colt, purebred Saanen buck, 1 mo old & American LaMancha buck, 2 mo old /1/ 527 4930 Juniata Co

For Sale 10 springing heifers, due July & August 717-966-1149

For Sale 46 Int Baler, $500 36' Big Cement Troweling machine, $250 Overhead garage door, wooden $30 Berks Co 215-488-1541

For Sale - Poultry equipment for broilers Tobacco wagon, silo filler Ford manure loader 717 362-9842

For Sale - Older driving horse, traffic safe and sound 814-224-2547 Blair Co , PA

For Sale - Holstein heifer due 7 31 Bred to 29H4000 ABS Columbus, stable crowded Lanc Co 215-445-5928

For Sale - 100 bu hand bushel ear corn $3 per bu. Paul Simpers, Kennett Square, PA 19348 215-444 0518

For Sale - Old 2 whl stone dump cart, good cond , $200 Leroy Jay Yoder, RD1 Box 366, Wyoming, DE 19934.

For Sale - Green feeder wagon, $675 Wheels w/tires NI picker $65. JD B $675. NI #7 picker $195 717-354-0266

For Sale - Snow Crown Cauliflower plants, ready to transplant around July 20 Standardbred carriage and buggy horses. Lanc. Co 717 354-8745.

For Sale - 1979 Mercury Zepher - black 4 door, PS/PB, AM radio, air condition, automatic, very clean, $2000 717-238 4503 Harrisburg

Wanted Tobacco bed steamer, any size and condition, call 607 733 2841 after 6 p m

Wanted - dump trailer, type made from small dump truck 71/-249 2300

For Sale - 2- 8 wk old puppies, Rat Terrier 1 6 mo. old Rat Terrier Bucks Co 215 249-3900

For Sale M M Combine with 4 cyl Wis engine and bagger Good cond , York Co 717-741-3297

For Sale - Starline model /30 tanks spreader, Sauder manure loader hydr bucket, Oliver 16 ft transport harrow Snyder Co 717 374-2250

For Sale 1971 Chevy Vega, H B , A T , runs, body fair, $100 or best offer Chester Co 215 932 4728

For Sale AC 54 WD w/WD45 Kit in engine, good cond , w/almost new rear tires, new battery Lycoming Co , 717 546 5676

For Sale Dairy of 45 cows, all home raised, bred artificially to Sire Power bulls Calving year round Susque Co 717-698-6597.

For Sale - JD 70, good rubber. $1200 as is Call after 5 p.m 215-757-9495.

For Sale - AC 303 baler w/thrower, exc cond., $595 717-865-6836 Leb. Co.

For Sale - Case 530 backhoe, gas 3 pt 6' stone rake, hay bale feeders, PTO M-H combine w/bin Case tractor /1/ 345 4882

Wanted Small cooler in good cond , also com pressor Give price John Z Ebersole, Nine Points, PA 17561 Lanc Co

For Sale Two lovely young Am Alpine milkers, ready to put their milk in your buckets 215 253 8951 Northampton Co

For Sale Pony, cart and harness all for $90 Lehigh Co 215 767 3757

Wanted hay baler, rake, crimper, corn picker, chopper, give price condition Menno Stoltzfus, Madisonburg, Pa 16852 Centre Co

For Sale Buff female and Particolor male Cocker Spaniels. Ch sire or Ch grandsire 716-335 2697 (keep trying) Livingston Co , NY

TRUCKS & TRAILERS

1971 International 392 gas engine, 16' aluminum dump body, w/air discharge, excellent mechanically, $8000; 1979 International 466 DT, 40,000 miles, new aluminum 16' bag/bulk feed body, priced to sell, $39,900. Call or see at Feedmobile 717-626-2680.

For Sale - 25' Gooseneck livestock trailer, 3 axle, $2400. 201-859-2616.

1979 Int. 1854S model, 466 diesel, 5&2 spd., power steering, long wheel base; 1973 Int. 1800, 392, V-8, 5&2 spd., power steering, 1000x20 tires, 16' all steel flatbed dump with twin cylinder hoist. 301-877-9889.

'73 IH twin screw tractor, Fleetstar, wetline, 290 Cummins, 10 speed, low mileage, excellent condition, $8500. 717-299-3001

40' refrig. trailer for storage, Thermo King model XRW unit; 1971 Int. model 1910 truck tractor, needs motor. 201-463-0570.

1971 Trailco 40' flat, spread with spring air. 1976 Fruehauf 42' reefer with carrier unit. Lanc. co. 717-367-7028.

70 D600 Dodge, 76000 GVW, 8000 miles on rebuilt 351 V8, 5+2, 100-20 tires, 16' dump, 9' roof rack, $3800 or best offer. Lebanon Co. 717-865-2711.

Eby aluminum grain body, 18' long 48" sides, no hoist, Diamond plate floor, barn door gate. Klingerstown, Northumberland County 717-425-2437.

1977 GMC Astro, less than 10,000 miles. 301-348-2228.

Eton 38,000 lbs., rear tandem axles with suspension, only 15,000 original miles, excellent cond., $1500 or make offer, 814-583-5332.

For Sale - 1979 Chevrolet C60 truck w/18' Jerdan rollback bed, 21,000 miles, 22 GVW, mint condition. 717-258-6158 or 717-766-9582.

For Sale - 1000 gallon tank body from fire truck with 250 GPM PTO pump and valves, can demonstrate, delivery available, 717-464-2874.

Postal Jeep, completely restored, RHD, 4 cyl., AVCO diesel powered, GM auto. trans., Goodyear Arriva tires, Imron paint, gets 25 MPG delivering mail, up to 40 MPG, $6395 firm. 215-269-5858.

MAILBOX MARKET

Wanted - Cob corn (1-20 ton), hay/grain elevator, corn crib, grinder, Bucks Co 215-766-0890 or 795-2600 no calls 9-6 p.m.

For Sale - Early apples for sauce and baking $2 50 basket. S.P 22 Surge vac. pump, good cond , Lanc. Co 215-445-5704

For Sale Reg. Belgium mares - 3 year old sorrel blonde mane & tail 7 year old blonde mare Berks Co 215-926-3086

Notice - Trade Automatic Roller Mill, model AB400 No 4 for No 6½ or No 8 Equal cond Call eve 215 562-8766 No Berks Co

Wanted by collector Old photographs, documents, certificates, 'cigar box labels', magazines, sings, etc Lanc Co 717 393 4336

For Sale PT10 Hesston haybine, late model and a Knight manure spreader in good shape' Phone eves 717 568-4752 or 568 7271

For Sale JD Combine 14 A, good camvis 1 Horse wagon 717 536 3130 after 5 p m Perry Co

For Sale 17 Holstein cows Perry Co , PA 717 536 3261

For Sale 48 Mott flail mower, 3 pt hitch, PTO, like new, $650 firm Bucks Co 215 536 5825

TRUCKS & TRAILERS

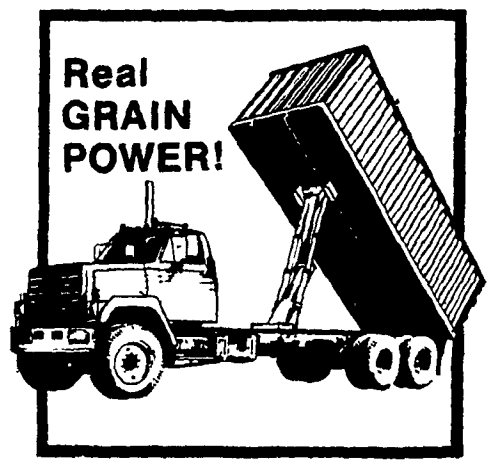
*4-1980 Colts, auto. and 4 speed
Special price
*1979 Volari 2 door coupe, 6 auto; like new
*1976 VW Rabbit
*1982 TC3, 2 door, 1 owner
*2 - 1981 Omni, stick & automatic
*1978 Omni, 4 door
*1981 B-350 Van, 9000 GVW

PETTICOFFER DODGE, INC.
Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE. 717-367-1808

TRUCKS & TRAILERS

1980 Ford F350 chassis, 161" wheelbase, 10000 lb. GVW, 300 engine, 4 spd., radio, power steering, 2 tanks, custom cab, good 750x16 rubber, 73,000 actual miles, new clutch, battery and tune up. 12' Morgan van, full plywood lining with tie rings, roll-up door, dock bumper, 91" high. Flat floor, no wheel boxes. $7900 or will sell truck without van $7000
Quarryville, PA
717-786-2522
717-786-7723

Stakeless Bodies by OMAHA STANDARD



Heavy gauge steel sides with deep corrugations for maximum strength. The stakeless is available with either 52" or 60" high sides and standard lengths of 18', 20', 22' and 24'. Greater inside width and length. Ideal for hauling grain sugar beets, bagged or palletized products.

Rear options include two or three section full opening rear doors and automatic beet or silage gates.

Complete your "Grain Power" package with an Omaha Standard work-proven hoist. Choose from the most complete line of scissor or stabilized "Olympic" telescopic hoists There's an Omaha Standard hoist for any size Omaha Standard stakeless body

Compare any of Omaha Standard's full line of steel, aluminum or wood grain bodies and rugged hoists you'll know why Omaha Standard is the most respected name at work on the farm today

FARMERSVILLE EQUIPMENT INC.
RD 4, East Farmersville Road
Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271
Omaha Standard

TRUCKS & TRAILERS

For Sale - 1975 COE freight liner tractor, 903 Cummins engine, recently overhauled, good rubber, truck is in good cond., 717-469-7292 or 469-2864.

Trailers for sale - '72 45x136 Brown smooth side van slider on 20; 2 '72 40x132 Frue. 1½" insulated overhead doors slider on 20; 6-40x126 and 13' Strick vans, 40' furniture van 8.25 tires; 2 35' flats, storage trailers for sale or rent, Keens, 717-626-5420.

TRUCKS & TRAILERS

'75 Morgan 30' van trailer, side door, 717-627-3839 or 626-6904.

For Sale - IH 2000D grain truck, 600 bu. cap. Air tag axle, 22 ton hoist, good cond., Warren Co., NJ 201-753-5313.

STORAGE TRAILERS - OFFICE TRAILERS FOR RENT. Economical, delivered. 301-771-4529.

70 IH C0181OA, 392 engine, 5+2, 33,000 GVW, 18' aluminum grain body, hay rack and dual action tailgate. Lancaster County 717-786-1882.

TRUCKS & TRAILERS

For Sale - '70 Ford 8000 refrigeration truck, 20' body, Box 7, Valley Forge, PA 19481.

Army truck, 2½ ton, all wheel drive, tandem axles, 120" cab to axle, 5 speed high-low range, 900.20 tires, 609-769-3183.

'83 Int. dsl., 9-liter engine, roll back, 24' bed, 900x20 tires, less than 500 miles, will sell or trade on similar cheaper truck. Kermit K. Kistler, Inc. Call 8-5, Saturdays 8-12. 215-298-2011.

TRUCKS & TRAILERS

1976 GMC 1 ton pickup truck, fair cond. with sound body, $1375, 717-384-4319 before 8AM.

1974 Ford F-350 cab and chassis, 4 spd., 400 CID engine, good running condition, $2500. 215-679-6726.

1969 Ford 1 ton dump, $4000. 1969 Chev. P.U. w/tool boxes, $1400. 1963 Ford flatbed 7000 GVW $1200. All inspected and run good. Lancaster Co. 717-285-5897, 285-3984.

1970 40' open top van trailer, $2300. 717-299-3001.

PICK-UPS

1981 Ford F250 Custom, 300 6-Cyl., 3 Speed, PS, PB, 21,000 Miles $6995
1981 Chevy C10 Custom, 305 V8, Auto., PS, PB, AM Radio. $6995
1981 GMC Sierra 305, V8, Auto., PS, PB, AM-FM, Chrome Rails, 2 Tone Red & White $7495
1981 Ford F100 Custom, 300 6-Cyl., 3 Spd. with Overdrive, PS, AM Radio $6995
1980 Chevy Blazer, 2 WD, 6 Cyl., Auto., PS, PB, Air Cond., AM-FM & tape, All Black, 29,000 Miles $7995
1980 Ford F100 Ranger XLT, Short Bed Step Side, 302 V8, Auto., PS, PB, AM-FM Stereo, 2 Tone Paint $7495
1979 Datsun, 4 Cyl., 4 Speed, AM-FM, 30,000 Miles $4695
1979 Ford F150 Custom, 300 6 Cyl., Auto., PS, PB, AM Radio. $5795
1979 Ford F100, 302 V8, Standard Shift, PS, PB. $4995
1979 Plymouth Arrow Sport, 4 Cyl., Auto., AM-FM Aluminum Cap $4895
1978 Ford F350 Ranger Camper Special, 460 V8, Auto., PS, PB, Air Cond., AM-FM & Tape, Dual Tanks . . $7495
1978 Dodge D100 Short Bed, 6 Cyl., 4 Spd. Overdrive, AM-FM & Cassette. $4295
1970 International 1/2 Ton, V8, 3 Spd., AM Radio $1095

SUBURBANS

1981 GMC Sierra Classic, 350 V8, Auto., PS, PB, AM Radio, Rear Heater, 2 Tone Paint, 26,000 Miles $8995
1980 Suburban 4-Wheel-Drive ¾ Ton, 350 V8, Auto., PS, PB, AM Radio, Lockout Hubs $8495
1979 GMC Sierra Classic, 4 WD, 400 V8, Auto., PS, PB, Air Cond., Tilt Wheel, Cruise Control, 31 Gal. Tank, AM-FM & CB, 2-Tone Brown & White, 28,000 Miles $8995
1979 Chevy Silverado, 350 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, 2 Tone Brown & Tan $7995

UTILITY BODY

1980 Chevy C30 with High Utility Body Covered, 350 V8, Auto., PS, PB, Air Cond., AM Radio, Dual Tanks, 40,000 Miles $8995
1980 Chevy C30, Dual Wheel, with Morreysville 10' Utility Body, 454 V8, 4 Spd., PS, PB, Dual Tanks, 10,000 GVW $8995

4 WHEEL DRIVES

1980 Suburban ¾ Ton, 350 V8, Auto., PS, PB, AM Radio, Lockout Hubs $8495
1980 Chevy Scottsdale C10, 350 V8, Auto., PS, PB, Air Cond., Lockout Hubs, 2 Tone Red & Maroon $8495
1979 Chevy C20 Cheyenne, 350 V8, Auto., PS, PB, AM Radio, 2 Tone Green & White $6995
1979 Dodge Ram Charger, 318, V8, Auto., PS, PB $6995
1978 Ford F150 Ranger, 351 V8, AM-FM, PS, PB. $5995
1978 Ford F250 Crew Cab, 351 V8, Auto., PS, PB, AM Radio, Lockout Hubs, Toneau Cover, 48,000 Miles $7995
1977 Ford F150, 360 V8, Auto., PS, PB, AM Radio $5995
1977 Jeep Wagoneer, 360 V8, Auto., PS, PB, One Owner, Only 40,000 Miles. $4995

VANS

1981 Ford 15 Pass. Super Van, 351 V8, Auto., PS, PB, Front & Rear Air Cond. & Heat, AM-FM Stereo, 32,000 Miles. $10,500
1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio. $5495
1972 Chevy Camper Van, with Pop Top, Stove, Refrig., Sink, Air Cond. $3495

DUMP TRUCK

1975 Chevy C65 8 Ft. Dump, with commercial size plow, 427 V8, 5 Speed, 2 Speed Rear, 10x20 Tires, 28,000 GVW $8995

STAKE BODY

1978 F350 12' Stake, Dual Wheel, 10,000 GVW, 351 V8, 4 Speed, PS, PB, Rebuilt Motor, New Clutch & Pressure Plate. $6995
1973 GMC 500 Stake Body, 350 V8, New Short Block, 4 Spds., PS, 18,500 GVW, 12' Body $3995

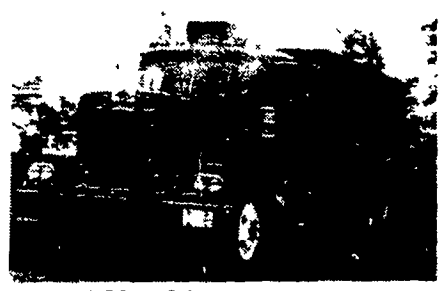
MOTOR HOME

1980 Winnebago Brave, 26' Motor Home, Loaded, 15,000 Miles. . . .
$24,900

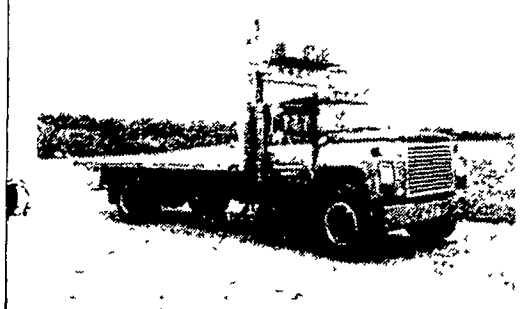
MIKE RHODES & CO.
"THE TRUCK PEOPLE"
Rt. 663 & Swamp Pike, Gilbertsville, Pa.
Area Code 717 or 215 Call Toll Free
1-800-362-7655
or 215-327-1380

WE ARE NOW AUTHORIZED OLDSMOBILE DEALERS!

TRUCKS & TRAILERS



1970 Diamond Reo
15 speed Road Ranger, 20' dump, 318 Detroit, new paint
717-665-9214



'76 IN 1850, 3208 Cat. recently overhauled, 5x2 trans., 22' aluminum flatbed with high bulkhead, 33,000 GVW.
717-684-2228 or 285-3628

TRUCKS & TRAILERS

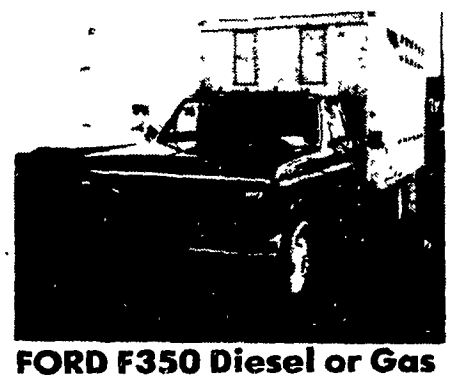
For Sale - 72 Ford F-600 Tk. LWB. C&C. Class 8. LIC. 330 cu., HD, Gas Eng., 5&2, $1995.00. 76 Dodge D-100 Pickup Tk. 318 cu., Gas, PS, PB, Class 1, LIC. $8195.00. Call 717-444-3793, Perry Co.

For Sale - GM 478 Diesel engine, Mack 675 engine 237 HP; Wanted - Ford 391 truck engine, 717-866-2091.

8'x13'5" JD tilt bed equipment trailer, winch, new tires and oak bed, single axle w/duals, $1000. 717-567-3281.

Stainless steel milk trailer, approx. 4500 gallon capacity, clean, no leaks, ideal storage trailer, $2500 or best offer. Contact Barry at Sunny Slope 800-MILK-015.

SAVE BIG BUCKS ON OUR TRUCKS!



FORD F350 Diesel or Gas

ALWAYS IN STOCK EBY ALUMINUM BODIES

Immediate Delivery

New Holland Ford

Route 23
New Holland, Pa
717
354-4901

TRUCKS & TRAILERS

Wanted - Trucks and Storage trailers. We also buy trucks for parts and truck parts, motors, trans. and rears. Gas or diesel. Berks Co. 215-944-9871.

5 ton army truck dump, tandem all wheel drive, 11.00x20 tires, 5 speed trans., hi-lo range, $4600, 609-769-3183.

For Sale - 10' wood livestock body. 20' Morgan van body. 20' van body. M.H. Eby, Inc., Blue Ball 717-354-4971.

For Sale - Used combine trailer, some with expandable sides to 12 ft. and power tail gate at a fraction of a new cost. Will do some bordering if needbe. 814-623-9696.

For Sale - 1967 Chevrolet Series 50 21,000 GVW with 500 gallon steel tank and model 5200 hypro pump, call eves. after 6:00, 717-789-4172, Perry Co.

1965 GMC 4000 20' flatbed farm truck, new clutch, A-1 running condition, new tires, 20,000 G.W., $2500 cash. 717-334-3222.

'75 Morgan 30' van trailer, side door, 717-627-3839 or 626-6904.

1975 IH Loadstar 1600. 16' Wooden Cattle Body. 1 Owner, 50,000 Miles, Excellent Condition.
717-626-7509
717-627-1144

TRUCKS & TRAILERS

1974 IH CAB OVER 4070A, 13 SPEED TRANSMISSION, 318 DETROIT DIESEL, PS, SLIDING 5th WHEEL. GOOD RADIAL TIRES
215-286-9510

'83 GMC RED TAG SPECIALS

SPECIAL DEALS ON '83 GMC FULL-SIZE PICKUPS

Here's the deal buy a hard-working GMC regular-cab Pickup equipped with a Red Tag Special options package and get Air Conditioning at no additional charge!

It all adds up to a beautifully equipped GMC Pickup and Air Conditioning at no extra charge makes it a beautiful buy! Don't miss out. . tag one for yourself today!

CHECK OUT OUR RED TAG SPECIALS TODAY!

TRIANGLE GMC TRUCKS, INC.
1465 Manheim Pk.
Lancaster, Pa.
Across from Rear Entrance to Park City
717-299-6630

GMC TRUCKS ARE WHAT WE'RE ALL ABOUT

REAL ESTATE

(229) Mountain Retreat - Beautiful mobile home located in picturesque Lycoming County. Furnished & ready for use. Call Joseph E. Reinecke, Realtor 717-854-8912.

(232) Mountain acreage-Clinton Co. 10 Acres. View, private entrance. Call Joseph E. Reinecke, Realtor 717-854-8912.

(220) Sawmill Business-Inventory, 3 acre lot, eqpt. Call for details. Call Joseph E. Reinecke, Realtor 717-854-8912.

(205) 60+ Acres, woodland. Call Joseph E. Reinecke, Realtor 717-854-8912.

Lancaster County 50 A farm needs resourceful owner. Solid 3 bdr. house, barn, good water supply. Zoned rural. All for $99,500 Walker Real Estate, call Fred 717-432-5731.

(221) 1/2 to 1 Acre lots-Delta RD#2 area. Call Joseph E. Reinecke, Realtor 717-854-8912.

Considering a small farm? We have one for you. 50 acres gently rolling tillable land, currently under cultivation. 50 acres woodland with marketable timber. Good barns, some machinery included. Low, reasonable price. Comfortable home for modern living with attached garage. General farming or small dairy. Soil maps and information available on request. Information on other farms available, call Winters Real Estate, Inc., 33 Liberty St., Bath, N.Y. 14810, 607-776-2147, Ask for Dick Ellis. (F-218/B-160)

(227) Sporting Goods Business- One of York Countys finest, Inventory at wholesale cost. Call for details. Call Joseph E. Reinecke, Realtor 717-854-8912.

(223) 21+ Acre lot - Some road frontage. Possibility of sub-division. Nearly level. Call Joseph E. Reinecke, Realtor 717-854-8912.

REAL ESTATE

(225) Huntington Co. - Beautiful secluded 17+ acres with mobile home. Priced to sell. Call Joseph E. Reinecke, Realtor 717-854-8912.

For Sale - Farmette, 40-50 acres, large 40x60 two story barn, large old 2 story 6 room farmhouse. Also small 1 story 5 room house, about 10 miles south of Dundee, NY. $39,500. 607-292-6295 John Fell, PO Box 23, Tyrone, NY 14887.

For rent - Dairy farm, 42 cow main barn w/pipeline, 22 cow auxiliary barn, excellent calf facilities, 130 acres tillable, mobile home, stock and equipment may be purchased. 717-933-8639.

Farm for sale - 253 acres-240 tillable, located in Path Valley, suitable for dairy or hog operation. 2 houses, large bank barn, large pole barn, new steel building other outbuildings, for information 717-349-2393, 717-349-7752.

For Sale by owner - 49 acre dairy farm in Chester Co., Steeleville, 2½ story house and dairy barn, built in 1980, 37 stall, manure pit, Enos K. Miller, RD 1, Paradise, PA 17562, White Oak Road.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044.

For Sale - 81 acres near Fairfield PA with large deposit of soap stone, woodland, good deer hunting and a trout stream, $90,000, 717-642-8777.

FREE SUMMER '83 CATALOG! 5,287 properties, 2,076 pictures! Values in every type of real estate, many owner financed! From 600 offices in 43 states. Get your FREE copy NOW! STROUT REALTY, P.O. Box 773A, Dept. 6490, Harrisburg, PA 17102. Call toll free: 1-800-641-4266.

For Sale - 3 or 4 bedroom rancher, 2 car attached garage, 3½ acres, fenced pasture, pond, 3 story barn, shed, large garden, 5 mi. north of Hershey, $79,900. 717-345-8079 no realtors.

100 acres of mountain land, excellent hunting, borders stream, Fulton Co. $65,000. 717-264-4438 or 264-3559.

For Sale - Mini farmette in Sch. county, 5-8 acres, Holland stone rancher, orchard with fruit nut berry bushes, wood lot for wood supply. 717-345-4597.

Lebanon County versatile 158 acre farm, presently set up for 400 hogs and 48,000 chickens. Four bedroom brick home, 50x80 barn, 40x400 building fully automaticed (eggs), 100 acres tillable. $544,000. Brownstone Real Estate 717-533-6222, Jeanne Licata 717-838-4979.

Near Lancaster Chester County line 7 acres, 5 bedroom house and bank barn $74,900. Hayes Real Estate 215-932-3092, evenings 717-354-9534.

Apartment house for sale - 64 N. Main St., Dover, PA 17315. 717-292-1693.

95 acres, stucco house, bank barn, 24 yolk stanchions, heifer shed, implement shed, garage & workshop, Southern Chester County, Oxford area. Hayes Real Estate 215-932-3092, evenings 717-354-9534.

For Rent - 25 acre meadow, Lebanon area, 717-569-0416.

Western Chester County - 118 acres with old log house $229,000. Hayes Real Estate 215-932-3092, evenings 717-354-9534.

AVIS TRUCKS

YORK, PA
1116 Roosevelt Ave. (717)848-6400
LANCASTER, PA.
1710 Rohrerstown Road (717) 569-2648

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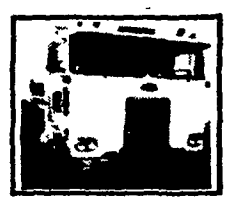
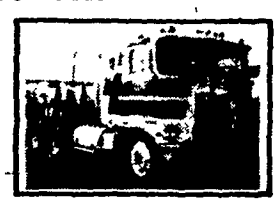
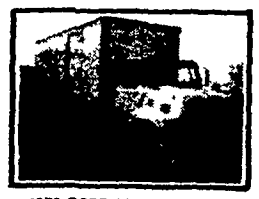
TRACTORS



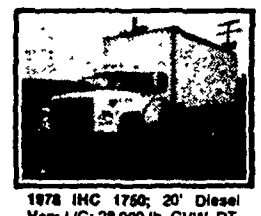
(3) 1978 Peterbilt 352586, T/A/D/S, 148" W B; NEW SILVER 8V92TT Eng w/Warranty, 9 Spd, P/S; A/C, AM/FM



1979 Kenworth K-100; 170" WB; 8V-92TA, 435 H P. Detroit Eng; 14 Speed Spicer Trans., A/C, P/S, AM/FM Radio, 10-00x22 Tires.



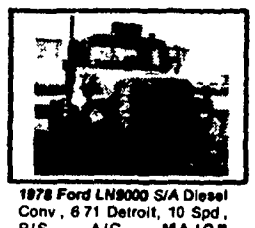
1978 FORD LN7000; 20' van, L/G, Cat 3208, 175 H.P; Clark 397V, 5 Speed, 2 spd. rear P/S, A/C, NEW PAINT.



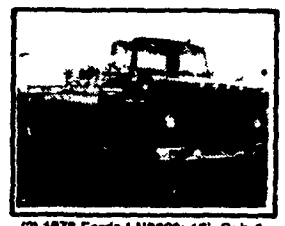
1978 IHC 1750; 20' Diesel Van; L/G; 28,000 lb. GVW, DT-466 Eng; 5 Spd Trans.; 2 Spd. Rear, P/S; NEW PAINT! Trans. Overhauled.

1975 Chevrolet (TE67503) 20' alum Van, 366-V8 Eng, Auto Trans, P/S, NEW PAINT!

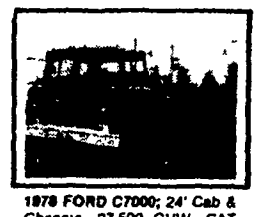
1979 FREIGHTLINER FLT 8664T, 160" W B, 400 Cummins @ 2100 RPM, RT012513, 13 speed, A/C, AM/FM stereo, loaded REDUCED



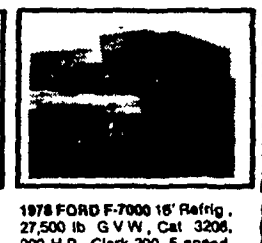
1978 Ford LN9000 S/A Diesel Conv, 6 71 Detroit, 10 Spd, P/S, A/C, MAJOR OVERHAUL JUST COMPLETED; NEW PAINT.



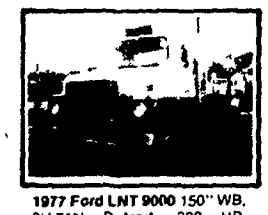
(2) 1978 Fords LN8000; 18', Cab & Chassis, Cat 3208 Eng, 210 H P 5 spd trans, 2 spd Rear, Air Brakes; 11 00x20 Tires, 35,000 lb GVW, 12,000 lb FA, 23,000 lb RA, P/S



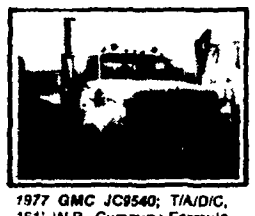
1978 FORD C7000; 24' Cab & Chassis, 27,500 GVW, CAT 3208 (200 H P), 5 spd Spicer Trans, 2 Spd Rear, P/S, 140,000 Miles, Engine Overhauled



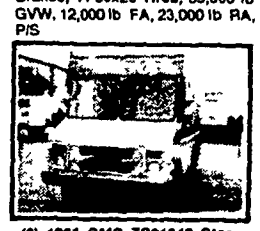
1978 FORD F-7000 16' Refrig, 27,500 lb G V W, Cat 3208, 200 H P, Clark 390, 5 speed, P/S, Hackney 16' body; Thermo-King XMD-50 Diesel; NEW PAINT.



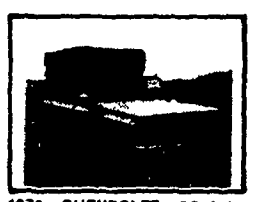
1977 Ford LNT 9000 150" WB, 8V 71N Detroit, 289 HP, RT910, 10 Speed, P/S, A/C Engine Overhauled 182,000 miles



1977 GMC JC9540; T/A/D/C, 161' W B, Cummins Formula 290, 276 H P, Fuller RT1110, 10 spd, P/S, A/C, NEW PAINT! 140,000 Miles,

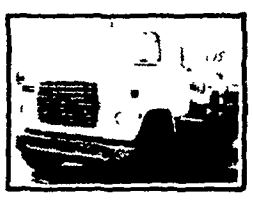


(8) 1961 GMC TP31042 Step Vans- Match Fleet, 350-V/8 Eng, 4 spd trans, P/S From 33,000 miles, 10,000 lb GVW, will paint your color



1978 CHEVROLET CC10903, 91,000 miles; ½ ton pick-up, 250 6 cyl eng, 3 spd trans, plywood sides w/tarp

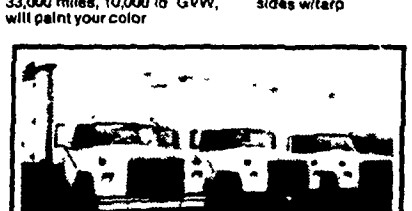
1978 Ford LN 7000, 14 Refrig 27 500 GVW, Cat 3208 175 HP Clark 397 V 5 spd 2 spd rear, P/S 14 Duralite body, 21 000 miles on Rebuilt Eng, NEW Thermo King Eng & Compressor, NEW PAINT



1977 Ford LN-9000; S/A/D/C, 138' WB, 6 71N Detroit RT910 Trans, 10 Speed, P/S NEW PAINT!

1977 Ford LN9000 S/A/D/C, 250 Cummins, 10 Spd, P/S, A/C, Engine Overhauled, New Paint.

VANS AND REEFERS



1978 & 1979 GMC & IHC 12'x14' Vans, Some Auto Trans, Available with Walk Ramps or Lift Gates, Low Mileage will paint your color

USED BODIES
1978 to 1981 Morgan & Duralite 14' to 18' Alum Van Bodies, O/H Rear Door; C/S Door; With or without Lift Gates From $975.

All equipment offers no known defects and is available for inspection and road test. Lifetime maintenance records are available for your review All equipment exceptionally clean & well maintained. Our customers are completely satisfied with their fully reconditioned and recently inspected purchases.

Other Makes and Models To Choose From
CALL FOR MORE DETAILS

REAL ESTATE

LEBANON COUNTY - 19 acre farm with large pasture and stream, 15 acres corn, 44x332 breeder-chicken house contract available, small barn, 3 bedroom house in good cond., for further information call anytime, 717-865-5110.

13 acres secluded woodland. Perry Co. Private road, beautiful home site. Owner financing available. $19,900. 717-536-3601.

S. Franklin Co. Farms
180 ac. dairy farm; 150 ac. dairy set-up; 125 ac. general farm; 30 ac. farmette, 2 homes.
Koons Real Estate Inc.
717-597-8300

120 acre dairy farm, owner financed, large barn, modern house, other buildings, sugar bush, could be converted to horses or beef, crops included. New York state. Send reply to PO Box 366 A-62, c/o Lancaster Farming, Lititz, PA 17543.

Modern Large Home. 114 acres. Option for 85 more. Several barns. Near Goodhue Lake, Addison, N.Y. $79,000. Rittenhouse (607) 292-3239 after 5. Winter's Real Estate, Inc.

2 Perry Co. farms for sale by owner. Farm #1 - 75 acres, 70 tillable, very good state of production, stream and never failing spring, 2 story dwelling, 3 bedrooms, 1½ baths, hot air heat, wall-to-wall carpet, remodeled, bank barn, 2 machine sheds, one grain building and 2 new grain bins. Farm #2 - 107 acres, 95 tillable, no buildings, very good state of production. Farms can be sold as unit or separate. Located in valley between Millerstown and Liverpool. 717-444-3545 or 717-589-3527.

For Sale - 100 acres farmland, excellent location in lower New Castle, DE. Includes: 1. 1870 brick farmhouse, barn, milk house, silo on 4 acres. 2. 76 acres in corn, soybeans, hay and pasture (will divide) 3. 20 acres-16 tillable, 4 woodland. Write to PO Box 366 R-57, c/o Lancaster Farming, Lititz, PA 17543.

10 acre beef operation, new barn, new house, 7 acres tillable. Berks County. Will sell equipment and cattle or just farm. 215-682-6137 after 5:00.

Southeastern Iowa, 160+ acre farm. Bottomland, ponds, oak, hunting, fishing, bordering game commission land. Financing available 717-284-2740.

CLEARFIELD CO., BURNSIDE TWP., PA - 100 Acres with 2 story frame house, garage, 2 barns, sheds, free gas heat. Map No. 108-C13-4, offered by "Sealed Bid" Thursday July 21, 1983. Minimum bid $65,000.00. For bidding requirements contact County National Band, Trust Dept., Clearfield, PA 16830, 814-765-9621.

(233) Several parcels of mountain land located in Snyder Co. - Beautiful area, close to lakes, hunting areas & etc. Call Joseph E. Reinecke, Realtor 717-854-8912.

For rent: House free stall barn & dairy barn, Southern Chester County, Oxford area. 215-593-6094.

163 ACRES - FANTASTIC HOME 5 yrs. old 11 room, super efficient wood & oil heat, pasture, tillable, timber & woods, panoramic view $116,000. 41.7 ACRES creek, woods, open, pond site $19,900; LAKE FRONT- modern 3 bedroom home, furnished, boat, grill, large garage, woodstove, 2 color TV's, private stocked lake $49,900. ENDLESS MT. R.E.Co. "Mini-Catalog" 717-596-3228 Box 190, RD#1, Gillett, PA 16925.

REAL ESTATE

Farmette, 12.66 shares, for sale by owner. 717-259-9983.

50 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092 between 6-7 AM

For Sale By Owner- 360 acre dairy farm, 155 acres tillable, 95 tie stalls on pipeline, 1000 gallon bulk tank, heifer barn, attached machine shed, two 20x50 silos with unloaders, good 10 room house, 2 bedroom trailer, located in Central New York, $135,000, write to Lancaster Farming, PO Box 366 J-274, Lititz, PA 17543.

Beef or horse farm, barn, slaughter house, approx. 20 acres pasture with stream, 45 tillable, beautiful ranch home, 3 bedrooms, 1 and ½ baths, full basement, 2 car garage, location south of Wellsboro, owner will partially finance 717-724-7466.

For Sale by owner - Beautiful remodeled 4 bedroom farm house, custom oak kitchen, wall to wall carpet, dining room, living room and TV room w/fireplace, large garage in basement, oil baseboard heat and wood stove, beautiful view on 8½ acres, outbuildings include 2 large poultry houses 30x120 two story that could be used for other purposes also, must see to appreciate, reduced for quick sale. 717-582-2352, 717-582-2358 Perry County.

3 acres of ground for sale, about ¼ mile from town limits. 302-284-9327.

Montg. Co. East Greenville PA. Picturesque 31½ acre farm joins golf course, air strip, stone colonial, walk in F.P., random width floors, original log cabin deed to 1683, windmill, barn for steers or horses, stream, 3 acre woods, alfalfa, oil gas lease, $198,000 by owner, 215-845-7845.

Farm- Central New York, 145 Acre, excellent barn, pond, 55 acre wooded, 70 tillable, remodeled house inside and out, excellent location, $110,000 owner, 607-849-6193.

Horse breeding - training - boarding farm on 10 acres, 20 stall barn w/attached indoor arena. 3 bedroom stone house, 1½ bath, 2 car garage, stream and view, $140,000. 215-250-9336.

Family with own help desire to operate large dairy or beef farm. Bedford Blair Co., lease incorporate 717-354-8598.

For Rent - 4 room cottage, barn and approx. 20 acres, Christian farmer and wife, 215-793-1370.

NEW YORK: ONE OF YATES COUNTY'S best farms - flat level land, 50 cow dairy with DeLaval pipeline system. 3 bedroom well insulated farm house. Move to the farm for the good life. 110A Century 21 Four Seasons, Penn Yan, 315-536-7456.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044.

West Nottingham Township - Chester County, 54 acres, 27 tillable, 27 woods - Hayes Real Estate 215-932-3092, evenings 215-593-5628.

Lancaster Co. dairy farm, 28 stanchions, new cleaner, 2 silos, 2 homes, good spring. Selling 70 or 80 acres. 215-267-4838.

West of Buck - 80 acres - 75 tillable, bank barn, tobacco shed, 4 BR brick house, Hayes Real Estate 215-932-3092 - evenings 215-593-5628.

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

For Lease - outstanding 330 acre dairy farm in Southern Tier NYS. Harvestore and other silos, 70 cow barn and other buildings. 607-849-6097.

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

Farm For Sale
100 acres prime land, near PA line, beautiful Colonial home, used as dairy, suitable for beef or horse farm, owner financing.
301-658-5877

Farm For Sale
Northeastern Berks County.
55 acres.
Profitable layer house.
2 bedroom mobile home.
Priced to sell.
215-562-7776

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ST. LOUIS, MO. 63139
1-800-325-9943

HARRISVILLE NEW YORK
191 acres, $38,500, mostly beautiful woods, 4 acre lake, old 4 bedroom home presently rented, 500' hard road frontage, $12,000 down, balance at 11% over 10 years, monthly payment will be $365.05 Write to Roy E. Prescott, 2 Creek Side Lane, Camp Hill, PA 17011 or call 717-766-5557 or 717-737-9460

157 acre dairy farm near Chambersburg with 110 tillable acres. Asking $180,000, unharvested crops included. Immediate possession.
VanCleve Real Estate
Phone: 717-392-3032
anytime

FOR SALE
225 ACRE FARM, heart of the Finger Lakes 130 acres tillable, woods, stream, 8 room remodeled house 2 silos, 54 stanchion barn, pipeline crops planted, cows and machinery available if desired good milk market Extra housing for help
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REAL ESTATE

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481
FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

FOR SALE BY OWNER
Beautiful Juniata County Home 9¾ acre, located in the Van Wert area, a very lovely 2 story 4 bedroom house, nice 20x30 barn with 2 car garage. If you enjoy fresh country air, nature and nice scenery, you will enjoy living in this location. Priced to sell.
Must be seen to be appreciated
Contact Henry J. Yoder
Mifflintown, Juniata County, PA

200 acre farm with 2 large barns, 2 sheds, 2 20x70 Harvestore silos, approx. 175 acres excellent tillable land, 2 large ponds, creek and artisian spring. Large modern 13 room house, all buildings in excell. shape, must be seen to be appreciated, owner has additional 100 acres tillable land which can be bought.
717-374-8178

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY
208 acre limestone dairy, 400 cow capacity w/double 8 parlor, 7 silos, modern house. Call Mr. Niesley.

HUNTINGDON COUNTY
170 acre hog, 24 farrowing pens, w/liquid manure, 2 story modern frame house, 2 springs. Call Mr. Crawford.
130 acre hog, 350 head finishing w/liquid manure, 2 story frame house, creek & smaller stream. Call Mr. Crawford.

JUNIATA COUNTY
118 acre dairy, 50 freestalls, liquid manure, 3 silos, modern 2 story log & frame house w/swimming pool. Call Mr. Crawford.
90 acre dairy, 60 freestalls, liquid manure, 2 silos, large implement shed, modern frame house. Call Mr. Crawford.
60 acres of timberland. Call Mr. Benner.

PERRY COUNTY
76 acre general, modern 2 story brick house, bank barn, silo, and other buildings. (Blain area.) Mr. Bitting.
68 acres open land, no buildings. (Blain area.) Call Mr. Smith. (Price reduced)

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
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RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

REAL ESTATE

FOR SALE
395 acre dairy farm in McKean County, Pennsylvania one mile from Port Allegany. 104 acres of crop ground. 40-cow dairy facility with additional dry cow and heifer barn bringing total capacity to 56 cows. Attractive 1224 square feet home. For price and further details, contact Rick Bowen at Headwaters Farm Credit Service, P.O. Box 508, Wellsboro, PA 16901; telephone 717-724-1961.

FRANKLIN CO. DAIRY FARM
Immediate possession possible. 170 acre, 60 cow freestall operation. Owner financing to qualified buyer. Priced under $1400 per acre.
Call for more information
Chris S. Habecker Real Estate
Millersville, PA
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or
Harold H. Greider, agent
717-872-7779 at 7:30 AM

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EXCLUSIVE PA FARMS FOR SALE
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EASTERN NEW YORK
"NOW IS THE TIME TO BUY THIS FREE STALL"... owner wants out and will listen to all offers. The areas best soils; 600 acres, 450 tillable black slate. Near expanding city. Barn has 110 stalls, all concrete yards, 24x70, 20x60, 16x50 and 16x35 silos, Delaval parlor. Stately brick Queen Anne Victorian home with fireplace plus permanent mobile home with cottage roof INCLUDES: 134 Holsteins, 5 tractors, (4 over 100 HP), extra long line of machinery. $725,000 or $465,000 bare. ALL OFFERS SUBMITTED! JUST LISTED!

MULTI-MILLIONAIRE'S ESTATE MUST BE SETTLED! Unusually low price to insure an immediate sale of this sprawling uniquely designed contemporary home on 114 acres with views over 3 mountain ranges and several counties. Too many features to mention; free brochure JUST LISTED! $150,000 or $130,000 with 71.4 acres. Possible terms CALL WIMPLE'S SLOANSVILLE OFFICE: 418-875-6355.

SOUTHERN NEW YORK
BEAUTIFUL CORTLAND COUNTY: 440 acres with 290 open. Alfalfa soils Barn measures 34x160 with new addition, has 31 ties with room for 40 more 16x60 concrete silo, 800 gallon tank. Completely remodeled 4 bedroom home. Some machinery available JUST LISTED! $180,000 with $30,000 and 10% mortgage or $105,000 with 150 acres and $20,000 down FOR APPT CALL 607-863-3993 or WIMPLE'S TRUMANSBURG OFFICE 607-387-9303

ST. LAWRENCE VALLEY
JAFFERSON COUNTY FAMILY FARM: Very good 54 stall barn with 2" Boumatic pipeline cleaner, 20x60 and 14x44 unloading silos, 22 heifer ties in separate barn Nice 8 room home newly remodeled 3 bedroom tenant house. INCLUDES: 67 head with 44 milking, 3 tractors and all machinery for $245,000 with under 10% down CALL WIMPLE'S GOUVERNEUR OFFICE 315-287-4163

REAL ESTATE

221 ACRE FARM

2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake. Price reduced for quick sale.

Owner financing.

607-243-8669

SEVERAL GOOD DAIRY, CROP, HOG farms. Also many exceptional Country Homes; a beautiful Log Cabin - 5% mtg.; [illegible] acre farm ½ tillable, good barn and home. This farm a bargain $65,000.

JOHN H. REOHR, Broker
Call Collect:
Office (315) 253-3813
Home 252-1046

FOR SALE OR TRADE

160 acres all tillable on highway, 2 miles north of Versailles. Excellent House and out buildings. 3 barns, Hog and Cattle feeding floor, Grain Storage, fenced and cross fenced.

Terms

816-433-5545 or
816-433-2496
(evenings)
Ask for Benny

DIAL FOR DEIBERT 425-3313

LOWER NORTHUMBERLAND COUNTY

80 ACRE FARM

approx. 60 Acres Tillable Frontage on State & Twp Roads. Small Stream. 8-Room Frame Dwelling. Stocker Heat, Bath. Drilled Well & Spring Water. Bank-type barn $110,000.

GEORGE DEIBERT
Broker 717-425-3313

LANNY LUPOLD
A 717 682 9494

READY TO OPERATE DAIRY... 257-acre N.Y. farm comes with 66 milk cows, 26 head young stock, 4 tractors, full line machinery included. Over 150 acres tillable Newer 100-cow capacity barn, 1,000 gal. bulk tank, Harvestore silo, 2 other silos. Beautifully remodeled 5 bdr home, 2 frpls, deluxe kitchen. Take over this money maker for $350,000. See PHOTOS in catalog! Call or write for free catalog! UNITED FARM AGENCY, INC., 612-RLF West 47th St., Kansas City, Mo. 64112. Ph. Toll-Free: 1 800-821-2599.

REAL ESTATE

We want to rent a farm of reasonable size now or in fall '83. Preferably with option to buy. We are experienced and a responsible couple and are no dreamers.

days 301-972-8626
***nights* 301-349-2167**

BIG INVESTMENT POTENTIAL N.Y. STATE

420 Acres - Picturesque S.W. New York Working Ranch and Recreational Unit

35/50 miles of Niagara Frontier (3 million pop.)

Remodeled 4 bedroom house — 90 ft. basement Barn — 7000 bale loft — excellent condition — tackroom attached Former dairy-beef-horse breeding operation. 140 acres meadowland — 180 pasture — 100 woodlot. Plenty water — 2 creeks, 2 wells, 1 spring Box - Gas lease

$250,000 Owner Financing

Brokers - Realtors Invited

WRITE A.H. NISITA
Box 12708, Rochester, N.Y. 14612

SCHUYLKILL CO. FARM

23.5 acres w/2½ story home and outbuildings for pigs, 75'x80' cement slab plus 75'x16' building w/heated fountains. Horse stable, spring fed pond and pasture. Good value at $63,500.

Call KEY REALTY
717-385-4915 or
Agent A. Irving 717-385-3351

SCHOHARIE COUNTY. Do you have cattle & equipment and want an excellent opportunity to own your own farm? Here is a 111 acre, 75+ excellent tillable acre farm. 54 tie stalls. 750 gal. tank. 20x50 silo w/unloader. Older farmhouse. Many extras all for $115,000 with a 20 year, 10%, $100,000 mortgage available. Can make deposit now and move next Spring. Call today for more details. FREE CATALOG.

Alton Makely, President
Phil King, Farm Sales Manager

COBLESKILL
Country Boy Realty
MAIN OFFICE
140 EAST MAIN STREET
COBLESKILL, NEW YORK
PHONE 518/234/4371

REAL ESTATE AUCTION

SAT., JULY 23, 1983
at 2 PM
Mansfield, PA. (Tioga County)

4½ scenic acres w/attractive, spacious 2 story secluded country home. Historic Pennsylvania farm-house would be antiques-lover's dream. Hardwood floors, full basement, and has attached apartment w/private entrance. Also barn: 2 story 30x60 w/stalls & garage. 2 acres pasture w/good spring. Good fishing & hunting in immediate area. 5 mi. from Mansfield (college town), 20 miles from Elmira, N.Y. Real opportunity for country living.

OWNERS: Mr. & Mrs. Clyde Flack. Call 717-549-5882 Eve. for info.

OPEN HOUSE: Sunday, July 10 & 17 from 1 to 3 P.M.

AUCTION MANAGED & SOLD BY:
DICK CRITTENDEN AUCTION CO.
MANSFIELD, PA
717-662-3131, 3409
Let us sell your Business, Home, Farm, the auction way!!!!

REAL ESTATE

FARM AVAILABLE NOW

120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

Blair County -- 100 Acre Farm, near Martinsburg, large bank barn, 2 silos, horse barn, machine shed, excellent location $220,000 #160G

Cambria County - near Ebensburg, You name acreage and price - 55 to 100 acres beef farm, 2 story, 4 bedroom home, Virginia style heifer barn, other outbuildings, ever-flowing spring, 55 A. tillable, balance pasture and woods. Priced from $62,500 to $90,000 #157M

Slick Real Estate
Roaring Spring, Penna. 16673
Call: (814) 224-4006
or (814) 224-4577

---

30 acres in Paradise Township. Set up as a hog farrowing operation with a 2 story frame home and garage plus the farrowing house **$165,000.00**

15 acres at Cambridge. Level land, all open, 10 year old 2 story 3 bedroom modern home and 30'x50' block barn with 10 horse stalls. **$160,000.00**

14 acres in southern Lancaster Co. 150 year old 2½ story unimproved frame home, small barn and 24'x28' ranch home. All open good cropland. **$84,000.00**

5.25 acres in Paradise Township. Beautiful custom built brick 1½ story home and horse barn and training ring. Home has fireplace, wood stove hook-up, formal diningroom, 3 baths, eat-in kitchen, basement rec. area, hardwood floors, porch, family room in basement, foyer with cathedral ceiling, nicely landscaped and partly wooded. **$105,000.00**

ROBERT T. COATES REALTOR
Gap, Pa.
442-4132 or 291-1542

NEW LISTING

140,000 broiler operation, and 225 hog fattening facility. "Very good contract." Many other buildings on 58 acres. Near Willow Street.

137 acre - 50 cow dairy, 10 yr. old round roof barn, farm pond & very large, very nice stucco house.

100 acres with 60 freestalls, level limestone land, inground pool & completely remodeled house. Good owner financing.

173 acres overlooking Susquehanna River, in Southern York Co. Only $155,000 - good opportunity for farmette, etc.

93 acre general farm in Dauphin Co. w/2 story frame house, 3 car garage & bank barn.

24 acre very nice 2 story brick house w/2 baths & bank barn for beef.

37 acres w/6 yr. old one story frame house - stream in backyard on mostly mountain land.

33 acre farm w/2 story frame house & bank barn. Dauphin Co.

Farmette in Lancaster County - 4 yr. old brick rancher & beautiful horse barn on 1.3 acres.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum	Harlan Keener	Mahlon Oberholtzer
Carlisle	Willow Street	Lancaster
717-776-3967	717-464-2669	717-392-1177

Broker-J. Irvin Denlinger
717-898-8962

REAL ESTATE

new pennsylvania realty, inc.
717-386-5000 Schuylkill Office

BERKS CO. BEEF FARM

131 Acres (m/l) with 24x72 concrete silo with top unloader and 72 ft. feeder in barn. Excellent stone home, plus several out-buildings. Nice setting North of Fleetwood ..... $285,000!

Call **CARL JOHNSON**
Farm Agent
215-367-6160

P.S. - I Need A Few Good Dairy Farms In Berks, Lebanon & Near-by Counties!

RETIREMENT FARM?
Secluded setting, mtn. views & southern exposure compliment 113 acres & 2 story farmhouse. 75 Ac. tillable. Lg. remod. kitchen & bath. 4 BR, full cellar, partial alum siding. Located N.E. Potter Co. Priced $65,000. C-797

UNBELIEVABLE SETTING!
Beautiful ranch style home has redwood deck w/panoramic view of pond and Pine Creek. Features large kitchen and den w/fieldstone fireplace. Exquisite landscaping of 6 acres ± must see to appreciate. Gaines Township. $59,500 C-987

OPERATING DAIRY
166 A. operating Dairy Farm. Approx. 70 + A. Till., 50 A. fenced pasture, & 35 A. wooded. 70 + cow barn & 2 silos. Like new, 2-story home. Needs a few finishing touches. Just reduced to $144,900. N.E. Potter Co. C-878

THE Real Estaters REALTOR
OF WESTFIELD
108 Main St. Westfield, PA 16950
OFFICE +14-367-2249
After 5:00

Bruce Batterson	717-724-2459
Jim Hepler	717-724-3717
Jim Smith	814-367-2305

Endless Mountain Real Estate Co.
Tioga County
Land Mart REAL ESTATE

*** * * FARMS * * ***

#254 Land With Buildings
This 104 acres with 7 acres of woods is just the ideal spot for starting a small herd of beef or raising heifers for extra income. Large barn, pond, This would be a good investment as the price is right $47,500

#255 Small Farmers Dream!
This 30 to 40 acre farmette is in a very good location with a nice stream thru it and about 6 acres of woods. The farm house is in excellent condition with 9 rooms, and 4 bedrooms. Large barn with 32 ties, gutter cleaner, suitable for heifers or beef. Give us a call for more details, as this one won't be around long!! $63,000

#256 Land and Living Quarters
This property has 28 acres of secluded and, with beautiful location. The house was started, but never finished. All utilities are available. 8 acres are wooded. The possibilities are endless, so you better take a look at this property and see for yourself ... $32,900

RD 1 Box 203-A
Covington, PA 16917
717-659-5684
Richard Chamberlain, Manager
Home Ph: 717-549-4173
New Hours Mon.-Sat. 9:30-4:30

REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE

SMALL FARM
East Donegal Twp.
50 Acres limestone soil with 40 acres tillable. Bank barn with loose housing, tobacco shed to hang 5 acres of tobacco. Large two car garage Three family frame dwelling with oil hot water heat. ML#65314 Price $235,000.00
CALL
SHEETZ REAL ESTATE
Mount Joy, Pa.
1-717-653-1481

CAMBRIA COUNTY, PA
330 acre dairy/beef farm; 230 ac. tillable, 30 ac. pasture, 70 ac timber (inc. hemlock & cherry), 3 barns (32 stanchions, milker), 2 silos, 10 room house, modern duplex, wood, wire fences, approximately 25,000 Christmas trees 2 & 4 years old. 2 miles from routes 219, 22 and Ebensburg.
$370,000.00
KIMBALL REAL ESTATE
Don Davidson, Associate Broker
615 West Highland Avenue
Ebensburg, PA 15931
(814) 472-7700

AUCTION
REAL ESTATE * ANTIQUES * HOUSEHOLD *
SATURDAY, AUGUST 6
10:00 A.M.,
Liberty, Pa. Old Rt. 15
Selling Antiques and Household Items of Eva May Smith and the late Robert Smith
Most items 60 to 75 years old.
REAL ESTATE offered at 2:00 P.M. $10,000.00 Minimum Bid (This is 60% of appraised Value) Terms 10% down day of sale +- Balance in 30 days For information call evenings (717) 324-6821
Auctioneers Ron Mase (717) 324-6781
Dick Crittenden (717) 662-3131

BEEF OR SHEEP adventure 291 acres. 175 tillable, 50 wooded remaining pasture. Land is mostly level, easy access, frontage on 3 sides. House in need of repair. A bargain farm. $74,500.

16 UNIT MOTEL and restaurant in Pine Creek Valley. 34 acres with 50% wooded & 1.5 acre pond for boating fishing or swimming. Centrally located, lots of repeat business. Call for further details. $185,000.

MOUNTAIN TOP HIDEAWAY. Log cabin in secluded area of Potter County. 47 acres, stream and almost all wooded. 3 bedroom, free standing wood stove & forced air heat. Drilled well. Great hunting & fishing. $45,000.

Call or write for free lists.

After 5:00 P.M. call Butch or Sally Delong at 814/334-5204

RMS HOMESTEAD REALTY
Auriesville Road RD 1
Fultonville, N.Y. 12072
518-762-8268
518-922-6301

PENNA FARMS
CUMBERLAND CO.

Dairy Show Place - 156 acres Hagerstown limestone soil, 44 tie stall barn w/pipeline milker, Patz stable cleaners, 1000 gal bulk tank, 16x50 sealed silo w/bottom unloader, 44 free stall barn w/64' feeder, 20x60 silo implement storage, beautiful stone and frame dwelling, 20x40 inground pool, a dairy family's dream farm, plus 12x60 mobile home for hired help

70 Acre Dairy - Limestone soil, 40 tie stall barn w/stable cleaner, silos, 4 bedroom frame dwelling, near Newville.

176 Acre Dairy. 100 crop acres, 40 tie stalls, manure pit, 2 silos, implement storage, modern 4 bdr. brick dwelling.

120 Acre Dairy Farm, level Murrill soil, bank barn with 24 stanchions, 6 unit pipeline milker, 900 gal. bulk tank, 96 freestall barn, heifer barn, 12x50 - 20x60 silos with unloaders. 80' feeder emergency elec. unit, alum. siding dwelling.

19 Acre Farmette, bank barn, 2 story frame (alum siding) 4 bdr. dwelling, fully insulated, oil hot water heat, stream

FRANKLIN CO.

160 Acre Hog farrow to finish, lagoon, 95 tillable acres, farm pond, road frontage 4 bd brick dwelling

HUNTINGDON CO.

172 Acre General, Price adjusted to $90,000.

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

NORTHAMPTON COUNTY...
Large Dairy Operation - 140 Acres (m/l)

- ★ 120 Free Stalls
- ★ 100 Ft. Auger Bunk Feeder
- ★ (4) 20x60 Harvestore Silos
- ★ 20x30 Harvestore Silo
- ★ 16x45 Stave Silo w/ Unloader
- ★ Double-Six Clay Herringbone Milk Parlor
- ★ DeLaval Milking System (Six Milkers)
- ★ (2) 1000 Gal. Milk Tanks
- ★ Large Facilities To Raise Heifers

+

FIVE (5) LIVING QUARTERS...

- Large 5-Bedroom Brick Home
- 4-Bedroom Frame Home
- (2) 2-Bedroom Apartments
- Mobile Home With Addition

THIS FARM HAS MANY OTHER POSSIBILITIES!

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

UPSTATE NEW YORK

Neat Veal Farm - holds 250 calves, plus 60 in summer, lovely 4 bedroom home, hay barn, tool barn, 200 acres (100 woods) gross income $175,000+, Price $135,000.

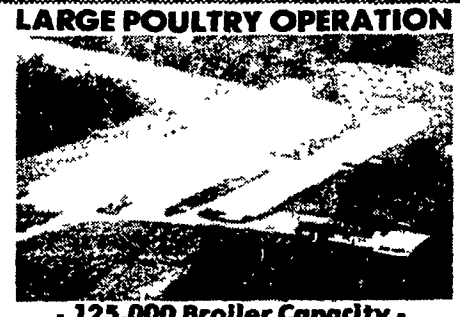
Dairy Farm - 300 acres, 60 milkers plus equipment, new barn plus 2 new silos, lovely stone house, $350,000.

Motel - neat 20 unit + 5 cottage, $100,000+ gross income, $300,000, $85,000 down. Owner financing available.

Excellent 10 unit motel, 4 room living quarters plus 2 acres. $85,000, $35,000 down. Owner financing available.

Anne Ostasz Realty
Little Falls, NY
315-823-0095

LARGE POULTRY OPERATION



- 125,000 Broiler Capacity -
Offered at $445,000
6 Buildings fully equipped and currently in operation as an ongoing business. All buildings and equipment have been well maintained and are in good condition. Large 24x74 rancher home with 16x32 crystal swimming pool. Located on 30+ acres of land approximately 12 miles south of Harrisburg, PA within 2 miles of U.S. Route 15. Income potential in excess of $60,000 per year. Excellent family operation. All accounting records including tax returns are available to serious buyers. Seller will finance at 10% interest with $240,000 down.

Call Vernon Anderson (Agent) 717-432-9745 or write for brochure:
204-206 Mumper Lane
Dillsburg, PA 17019

S. NORTHUMBERLAND CO. & SURROUNDING COUNTIES

60 acre farm, owner financing at 10% interest, lg. home, water or oil heat, bank barn, small orchard, $79,000. Call Peter.

Former 80 head free stall dairy-easily converted back, feed lot for 300 steers, 2 homes, (2) 20x50 and (1) 20x30 Harvestores, large shop, 100 acres, 70 tillable, $169,000. Additional 100 acres available. Call Peter

32 acre farmette, 25 tillable, remodeled 3 bedroom home, garage, chicken house, $45,000. Excellent terms. Call Peter

137 acres, new horse stable, butcher shop & machine shed, large bank barn set up for sheep, pasture w/pond, 60 tillable, $150,000. Call Peter

Bloomsburg Farm, 69 acres, 65 tillable, 3 bedroom home, $140,000. Owner financing. Call Peter

400 acre vegetable or general farm, new machine shed, 2 large barns, irrigation ponds, exceptional home $500,000. Call Peter

Modern 450 acre beef & broiler set up, mostly all tillable, prime level ground, 2 homes, $800,000 Make offer. Owner wants to sell. Call Peter

25 acres, 12 tillable, 12 wooded, stream through, $37,000. Call Peter

Looking for another business? We have a restaurant that seats 500, grosses $800,000 per year. $859,000. Call Peter

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587
Ralph has country homes and taverns.

Charlestown Road
Beef or Dairy Farm with 42 acres, bank barn, pole barn, good well, spring, good location, ask for details, $79,900.

S. Main, Maugansville
97.9 Acre Limestone Farm with modern 2 story brick house. Bank barn, milking stable, 2 silos, some owner financing, good location, call for details, $325,000.

HEYWORTH REALTY
1300-B Dual Highway
Hagerstown, MD 21740
301-733-3701

APPLE ORCHARD

Showplace 40,000-bushel apple orchard designed by Cornell. Advance technology produces prize-winning apples. High-density dwarf and semi-dwarf planting for wholesale, retail and pick-your-own fresh fruit market. Packing house with packing line, cold storage, cider press All equipment included. Owners retiring.

Thriving year-round roadside market with in-store bakery

Elegant country residence with natural wood interior trim and panelling. Modernized, architect-designed kitchen, 5 bedrooms. Tenant house. Heated workshop. Heated tractor shed. Hay barn. Carriage barn with 3 box stalls 140 acres.

In picturesque rolling hills of Western NY near Finger Lakes, race track, Bristol Mt ski area, and Rochester.

This is a large investment, but it has an excellent tax benefit to buyer and can be handled with a down payment of $380,000. Low-interest loans and owner financing for only the strongest candidates. If you feel you can qualify to own an operation of this caliber, call owner 716-924-3302 Brochure available to qualified candidates.

CHECK THESE OPPORTUNITIES

Lancaster Co., 18 acres including 3 acres of woods, fruit trees, grapes, etc. plus 24' x 40' storage fruit building, $61,200.

Lancaster Co., 11 acres, horse farm, beautiful 2 story home that you will appreciate, recently reduced to $74,500.

Snyder Co., 3½ acres, rancher, fireplace, large garage, w/heated green house and organic garden, over 200 young trees, $40,500.

York Co., 10 acres, nearly remodeled stone home, must see to appreciate, beautiful countryside, $79,900.

Jacks Mountain 189 wooded acres, 1300' frontage on Penns Creek, adjoining Bald Eagle State Forest, canoeing, hunting & fishing, rhododendrons 10' high, partly subdivided, priced just over $450 per acre.

Sheep? Need an interested buyer w/a small flock to clean up this 15 acre meadow. It will surprise you. Want $36,500, will buy. Includes a spring, stream, 6 room 2 story home w/a 2 car garage, nice view in Snyder Co.

100 Acre Farm - $125,000. Produce farm just off Rts. 11 & 15. Fertile soil. Pleasant, quiet setting. Spring, some woods, view of the river, Colonial brick home, lg. barn w/milk house, plus 5 other bldgs. Could be a showplace. Located in the Juniata - Perry Co. area.

LARGER FARMS

Near the Buck, 79 acres, 30 tillable, remaining in mature woods, priced at $2400 per acre.

Limestone Lancaster Co. farm worthy of your attention, fall possession, steer, hog and veal operation, tobacco sheds also included. Very good buildings, excell. large colonial brick home. A fertile farm at $4300/acre.

Juniata Co., 140 acres, off of Rt. 322, $165,000.

York Co., 135 acres, top corn yields and nice stone home, $298,900

York Co., 51 acres, quiet setting, near Norman Wood Bridge, $142,500.

CALL FOR DETAILS

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE

SELLING YOUR FARM?

SANFORD G. LEAMAN
ASSOC. BROKER
and
AUCTIONEER

AUCTION OR BROKERAGE?

It is your option when you call us. We will explain both plans and then you choose. No obligation.

NEW LISTINGS

YORK COUNTY

53 ac. plus general farm Ideal for horses, sheep, steers. Barn, outbuildings, implement shed and beautifully restored 2½ story Colonial farm home. Approx. 45 min. from Baltimore. Ideal for gentleman farmer or operating farm. There is a lg. pond, road frontage. Priced right for quick possession.

PERRY COUNTY

200 acre steer & hog farm. 2½ story brick home, 4 bedrooms. Stave silo, woodland, pasture, springs, in high state of cultivation Priced at $1325 per acre.

NORTHUMBERLAND COUNTY

Amish farm, 83 acres, 80 tillable, 2 houses, harness shop, dairy barn, silo & milk house. Priced under $170,000. Fall possession or spring of '84. In high state of cultivation.

Adjoining neighboring farm with 2 lg. silos, brick house and dairy barn, 42 acres for less than $135,000.

LANCASTER COUNTY

114 acre modern dairy w/12 unit milking parlor, 2 large Harvestores and 2 large cement stave silos all w/unloaders, room for 180 cows or more in the modern freestall barns, large Harvestore Slurry and 1500 gallon bulk milk tank See it today, w/possession to suit your schedule. Lots of road frontage, large pond and modern ranch house Priced just over $3,800 per acre.

ADAMS COUNTY

75 acre modern dairy farm, 20x70 stave silo w/unloader, 6 bedroom modern stone home, 50 stall barn, pipeline, over 1 mi. road frontage, $240,000.

DAUPHIN COUNTY

36,000 broiler plus hog farrowing operation on 54 acres. Ideal for steers, horses. Sits nice and owners could help finance to the right party. $300,000.

MONTGOMERY COUNTY

50 acres prime development land with modern 1½ story, 5 bedroom stone home. Close to industry, shopping and within 5 mi of two country clubs.

LEBANON COUNTY

107 acre dairy and hog or could be a steer set-up - your choice on a very productive farm. You have the opportunity of restoring an early log home or modernize it. The location is ideal and there is great potential. Call for price and financing details.

CUMBERLAND COUNTY

75 acre modern dairy with silo and unloader, barn cleaner, pipeline and implement shed, lg. modern dwelling, limestone soil in high state of cultivation. Buy this one and get a 3 yr. rental with first right of refusal on another farm that would give you a total of 135+ acres. Call today.

YORK COUNTY

Reduced $10,000. A great savings and ready for you to take possession and farm the land today. This farmette is a great place [SOLD] ear your family in the Northern School D[SOLD]w enjoy life & the peace and quiet in this country setting. Priced under $100,000. See it today, live in it tomorrow

NORTHUMBERLAND COUNTY

Excellent grain, beef, dairy, and chicken farm. Develop it to your liking or desire. 3 bedroom, modern brick dwelling. 100 acres tillable with 100+ bu. per acre corn production. Price reduced and help in financing!

If you are thinking of buying or selling a farm or farmland call Sandy today. He will be glad to serve you in any county.

HIGH REALTY CORP.
1837 William Penn Way
Lancaster, Pa. 17601
717-569-4264 656-6834 Home

A High Industries, Inc. Company

Hunterdon & Warren Counties - NJ

4 beautiful farms w/250-350+ acres; mostly level tillable cropland; excessive road frontage. Fairly priced and generous terms to QB.

Warren Co. - 88 acres w/river bottom crop land, asking $1600/acre w/terms QB.

CROOT REALTY-REALTOR
201-852-4410

GETTYSBURG AREA FARMS

PRICED TO SELL - 135 acre farm with 2½ story home and barn. Good crop land. Railroad frontage. $179,000 (8688)

13 ACRE HORSE FARM - With a solid brick, 2½ story home featuring 5 bedrooms, 3 baths, spacious living room, formal dining room, spacious kitchen, restored barn with covered paddock area. $129,500 (11082)

MOST LAND TILLABLE — 75 acre farm with 4 bedroom frame home and bank barn plus other various sheds. $112,000 (9168)

MARSHALL L. MILLER, INC.
REAL ESTATE
717-334-6283 or
Outside of Adams Co.
Call 1-800-443-2781,
Ext. C-53

NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

CAMP OR HIDEAWAY

5 acres, within ½ mile to State Land, excellent hunting area. Pine trees in front provide seclusion. 2 metal bldgs 1-32'x60' and 24'x32' also 10'x55' trailer with tip out. Owner financing avaialble. Priced at $15,500 W-673 PH: 717-724-5921

JUST REDUCED

Unfinished shell, red pine log cabin w/white pine shakes on 19.5 acres. Developed spring, electric, southern exposure, views, approx. 12 acres of pine trees, balance hardwoods. Owner says make an offer. W-741 Priced at $23,500 PH: 717-724-5921

CAMP OR HOME

2 story, 4 Bdrms, would make an exc. vacation home or camp. Porches, nice yard, garden spot, stream, small shed. Exc. hunting and fishing recreation. Priced at $16,500 W-742 PH: 717-724-5921

72 COW DAIRY FARM

50 tie stalls, 1 pipeline w/22 ready to hook on, additional 20 heifer stalls, 20x60 and 16x50 silos w/unloaders, approx. 188 acres, all but 40 tillable or pasture, pole barn & shop/machinery shed, totally remodeled 5 Bdrm. home, existing FHA 5% loan for $95,000. Price at $179,500 M-532 PH: 717-662-2138

A REAL FARM BUY!

Seller ready to sacrifice due to mortgage holder pressure. 181 acres. All but 30 pasture & tillable, 56 ties & stanchions on glas spipeline. 30 head heifer addition. 600 gal. tank, 4 milk units. Two silos, 14x40, 16x50 w/unloader. Nice 3 Bdrm home needing cleanup and new bath. Just $105,000! 2nd house available for $20,000 more. MUST SELL IN 60 DAYS M-574. 717-662-2138.

THE Real Estaters

Offices. Area Code - 717
Tioga, Potter & Bradford Counties call or write
WELLSBORO. 120 East Ave 724-5921
MANSFIELD, RD 1, Box 41 662-2138
TOWANDA, Bridge St 265-3171

OUR #1 AIM IS SERVICE

CENTRAL PA FARM LISTINGS

BEDFORD COUNTY

GAME FARM & FISH HATCHERY -368 acre property - 200 acres fenced for private or commercial big game hunting preserve. Warm water fish hatchery, 30 ring fed ponds, 10 acre lake, lodge, trout stream, 40 campsites, road frontage.

BLAIR COUNTY

GENERAL FARM - 131 acres (106 productive tillable, 25 woodland, pasture) near Williamsburg. Solid 2-story frame house and bank barn ideally suited for livestock. Buildings are centrally located on land. $149,500.

CENTRE COUNTY

GENERAL OR LIVESTOCK FARM - 205 acres (155 acres productive limestone soil, 12 acres pasture, 38 acres woodland). 2 story brick house, bank barn, 20'x50' silo w/bunk feeder, new 24'x48' metal building. Near Centre Hall. $449,500.

DAIRY FARM, 136 acres, (113 tillable, balance pasture,) sound 2 story dwelling, excellent dairy facilities, including modern 1 story dairy barn w/52 tie stalls and attached free stall heifer barn w/40 stalls, 3 concrete stave silos w/unloaders and 2 story bank barn in addition Pond. $299,000.

GENERAL FARM - 105 Acre (92 highly productive tillable 15 pasture and). Very good house, barn, garage, stream. Nittany Valley near Hublersburg. Reduced to $169,500. Also available as 93 acres (92 tillable) without buildings $117,500. Owner Financing.

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage, 2-story house, 2-car garage, very good condition. Stream provides water for house and pond. Excellent investment, ideal for horses or recreation. $150,000. Owner financing

CLINTON COUNTY

GENERAL FARM 183 acres near Loganton. (83 productive tillable, 9 pasture, 89 woodland.) Very good 2 story frame house, large bank barn, garage, hog pen Small stream, well & 2 springs. Joins state forest land. $172,500, owner financing

GENERAL FARM - 65 acres (57 highly productive tillable bottom ground, 13 pasture). 2-story house in fair condition. Frontage on Susquehanna River. Owner Financing. $100,000.

COLUMBIA COUNTY

HOG AND BEEF FARM - 233 acres (130 productive tillable, 19 pasture, 79 woodland). Excellent house, good barn adapted for farrowing and finishing hogs, outbuildings, nice setting. 10% owner financing $275,000.

HUNTINGDON COUNTY

DAIRY FARM - 155 acres, (114 highly productive tillable, 14 pasture, 24 woodland), sound 2 story frame dwelling, 1 story ranch home, 2 story bank barn w/att milkhouse w/22 stanchion milking area, 70'x100' loose housing barn, 3 concrete stave silos, outbuildings, and good water supply Near Warriors Mark, $335,000

LIVESTOCK FARM - 419 acres (approx. 220 tillable, 140 pasture, 59 woodland) Buildings include a brick home, 2 barns, garage, 2 silos, 2 large euipment sheds. 3 ponds are situated near the buildings. $345,000. Owner Financing.

DAIRY FARM - 80 acres (65 tillable, 13 pasture), pond, 2-story frame house, bank barn with 38 tie stalls, milk house with 600 gallon tank, 16' x 50' silo with unloader, 60' feed bunk with bunk feeder Near Shirleysburg. Owner financing. $110,000

DAIRY FARM - 330 acres, (175 productive Hagerstown tillable, 125 pasture, 30 woodland) 3 dwellings, large bank barn with 36 tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings. Dairy facilities are less than 4 yrs. old. Spring water. $275,000. Owner Financing

GENERAL FARM, 185 acres, (95 tillable, 24 pasture, 62 woodland). 2 story log constructed dwelling with frame attachment, bank barn, implement shed, outbuildings, 2 ponds, stream. $139,500.

GENERAL FARM 218 acres, (80 clear land, balance wooded). Petersburg, refinished 2½ story house, 2 story bank barn, garage and outbuildings Several springs, $164,500.

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville. 270 acres (165 level, very highly productive tillable). Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams. Owner financing. $325,000.

RIVER BOTTOM FARM - 150 acres (118 acres tillable), good house, barn, silo, grain storage, Susquehanna River frontage, very productive, well maintained farm. 10% owner financing. Adjoins farm listed below. $325,000.

RIVER BOTTOM FARM - 123 acres (100 acres tillable) excellent stone and frame house, workshop/implement shed, large bank barn, grain storage, silo, Susquehanna River frontage, very productive and well maintained farm. 10% owner financing Adjoins farm listed above. $325,000

MIFFLIN COUNTY

DAIRY FARM - 53 acres (41 highly productive tillable). Near Belleville. Very good vinyl-sided house, bank barn, double 3 milking parlor, free stall barn with 78 free stalls, 3 silos, 80' bunk feeder, large implement shed, stream and beautiful setting. $310,000.

DAIRY FARM - 90 acres, (75 tillable, 9 pasture, 6 woodland) 2- story frame and stone house, bank barn with 18 tie stalls, milk house, 14x60' silo, small stream. Near McVeytown. Good road frontage. $148,500.

DAIRY FARM - 91 acres, (60 tillable, 3 pasture, 28 woodland). Frame house, tenant house, milking barn with 32 tie stalls, freestall barn with 60 free stalls, 20'x60' & 16'x60' silos, implement shed and shop. Near McVeytown. $200,000.

NORTHUMBERLAND COUNTY

LIMITED ACREAGE HOG AND LIVESTOCK FARM - 5 acres w/2 story house, large bank barn, pole barn, 20'x50' silo w/unloader, paved feedlot, 85' bunk feeder, 40'x160' farrow to finish hogs building, 2 3000 bu. grain bins, implement shed, garage and pond, $79,900

GENERAL OR LIVESTOCK FARM - 105 acres. (100 highly productive tillable 3 pasture), excellent road frontage 2-story house, barn & outbuildings $185,000, owner financing.

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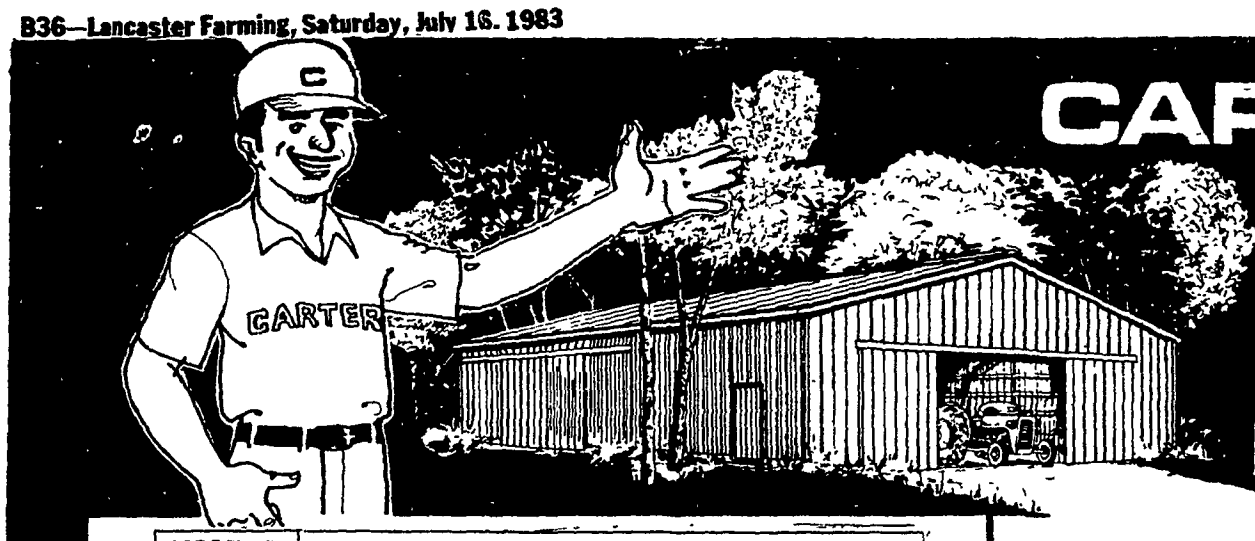

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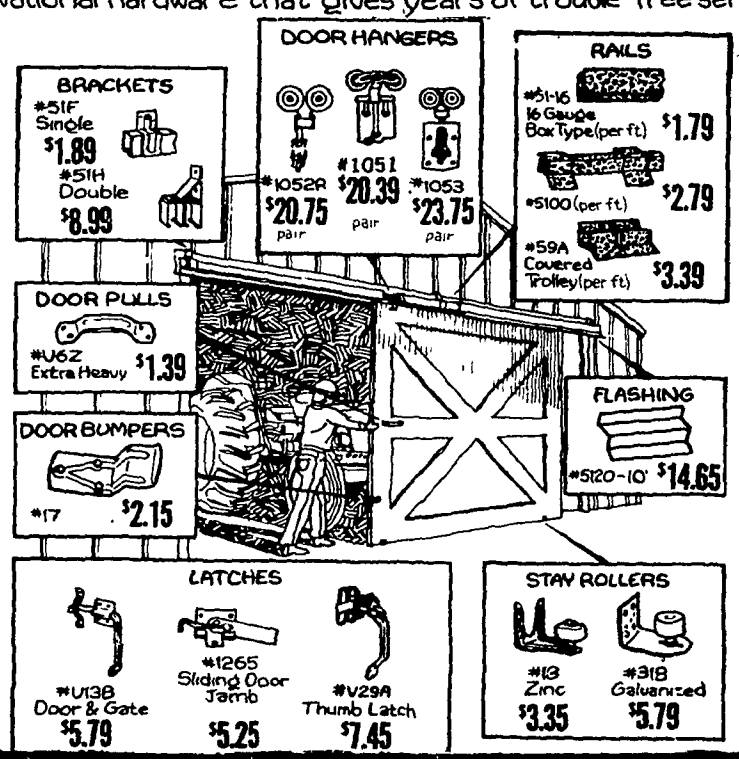

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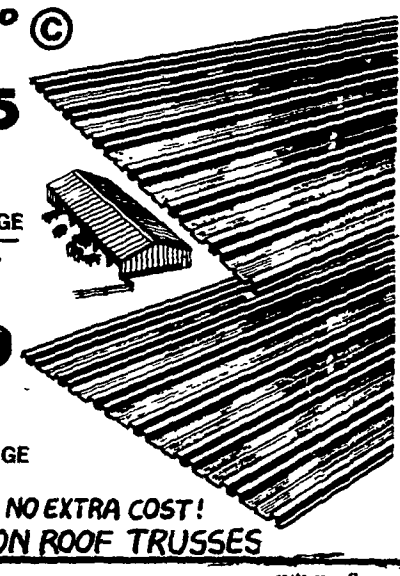

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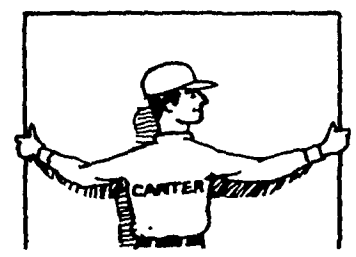

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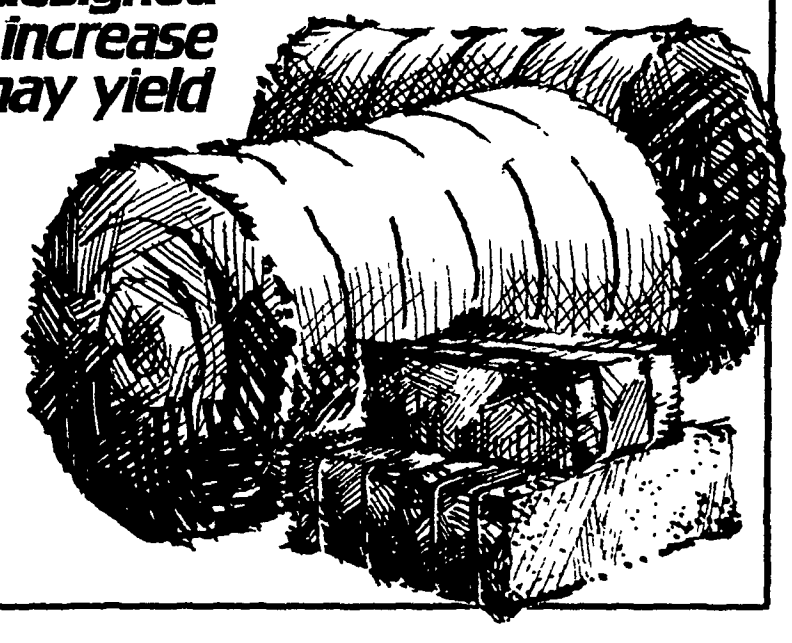

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Union hosts Pa. Young Farmer Conference

BY TRISH WILLIAMS

MIFFLINBURG — Pennsylvania Young Farmer Association members and their families, from all over the state, met last Friday and Saturday at Mifflinburg for the PYFA Summer Conference.

Hosted by the Mifflinburg PYFA chapter, the conference provided a wide range of activities for participants, including tours of Union County's agribusiness, a banquet, athletic competition, and of course business meetings.

The Mifflinburg High School was the operations center for the two day conference. Local chapter president Daniel Spangler, and advisor David Woodling, assisted conference chairman James Sanders in coordinating and conducting the conference's activities.

A Friday evening banquet, catered by Country Cupboard Restaurant was well attended and provided an excellent time for fellowship. After the banquet Young Farmers were addressed by a distinguished panel of speakers, including, Representative George W. Gekas, (R) 17th district; Penn State's Assistant Director of Extension Dr. Wayne Hinish; Deputy of Secretary of Agriculture E. Chester Heim; and PYFA state president Leroy D. Gessaman.

Gekas told Young Farmers as long as groups, such as PYFA continue to work together with legislators to propound resolutions on agricultural debates, that they will be represented in the halls of Congress, and will have a voice in determining the future of the United States.

Hinish, also looked toward the future as he addressed the group. PYFA will have a large influence on Pennsylvania agriculture in the 21st century, said Hinish. Penn State is proud to conduct educational programs for the farming community. Last year more than 28,000 Extension staff days were devoted to improving farm income, he said.

Penn State is putting more emphasis on communication skills, Hinish continued, in order that farmers and agri-businessmen can better articulate the needs and situation of agriculture to the consuming public and legislators. More importance is also being placed on skills in computer science, and Penn State is working toward assuring that all of its graduates are competent in computer science.

Penn State has been selected as the site of the future Northeast Regional Computer Institute, that will serve all participating states in the Northeast, said Hinish.

Penn State Extension is currently putting together a state computer system that will eventually link all 67 county Extension office with the University Park campus.

Speaking on behalf of the Pennsylvania Department of Agriculture, Deputy Secretary of Agriculture E. Chester Heim, stressed the need for farmers to get more involved in marketing of agricultural products. Heim who oversees the Bureau of Markets at PDA, spoke from experience he waxed while growing up in his family's farm retail produce business.

"To move ahead in Pennsylvania," said Heim, "there are some things I feel we in agriculture need as our major objectives. First, we need to improve the marketing of agriculture commodities."

"Promotion of our agriculture products must be a major objective of Pennsylvania agriculture," stressed Heim. Another major objective cited by Heim is the coordinating of research to improve production, processing and distribution of food and fiber to consumers, while assuring a reasonable return to those in production agriculture, and also assuring the consumer a quality product.

Heim suggested four points need to be considered in order to structure a sound market system for agriculture. These points are, full market information, knowledge of market trends, concentrated market development, and effective market organization.

"Realistically, if we want to produce more, we have to find new markets," he said. "It will take a united effort to do the job," he pointed out, but later added, "The time could not be riper for us to consider more aggressive and imaginative commodity marketing arrangements."

In his closing remarks Heim urged the Young Farmers to rise to the marketing challenge before them.

Betty Broda on behalf of Senator Edward Helfrick and Governor Thornburgh, presented local Chapter president Daniel Spangler with a letter from the Senator and Governer that commended the Young Farmers for the excellence of the organization's educational programs that help keep Pennsylvania agriculture growing better.

On a lighter note, host chapter advisor Dave Woodling presented state PYFA president Leroy Geesaman with the official worry towel, and turned the responsibility of finding another chapter to host next year's summer conference over to Geesaman.

Entertainment at the banquet was supplied by the Union County String Band.

Participants in the conference were provided an excellent opportunity to learn more about Union County's agri-business sector while viewing the County's beautiful countryside on bus tours conducted Friday afternoon and Saturday morning.

Four tours took participants to some of the areas more progressive farms and agri-businesses, where they were given an explanation of the operation and the opportunity to ask questions.

Tour stops and highlights include:

Pleasant View Egg Farm - a family owned operation. The farm consists of over 70,000 laying hens, 100 steers and more than 600 crop acres. The farm markets eggs throughout central and eastern Pennsylvania. All eggs are processed on the farm by a unique processing arrangement that involves the use of a computerized egg grading scales. The operation employs owner Richard Moyer, wife Mary, son Joe and daughters Elaine and Linda, and 20 other employees. The operation has earned Moyer the Pa. Master Farmer Award in 1973 and the Oustanding Farmer over 30 state award in 1970. Mr. and Mrs. Moyer received the state Young Farmer Community Service Award in 1980.

Donald and Dan Spangler dairy farm - with 60 cows housed in a parlor and free stall set-up. Of special interest on this farm was the open front heifer raising facitlity and the system of manure handling. Mrs. Spangler also hosted tours through their recently remodeled stone home, that is over 200 years old and has been in the family for 107 years. The Spanglers formed this father-son partnership in 1981. Dan is currently the president of the Mifflinburg Young Farmer Chapter.

George Bowersox integrated livestock operation - The Bowersox began farming in 1956. From egg layers and general field crops the operation has grown and now includes a son and son-in-law. Jointly the operation includes 76,000 broilers, 300 steers, 200 hogs, and more than 700 acres of corn. While corn raised on the farm is fed through the steers and hogs, most poultry feed is purchased. The remaining corn is sold as a cash crop. Feed trials have been conducted on feeding chicken manure to steers as well as boosting corn silage protein by adding anhydrous ammonia.

Sterling Crone Christmas Trees - The Sterlings moved to Union County from the York area in 1973. Their farm career began with the purchase of 156 acres of somewhat marginal ground in 1961. In 1971 another farm of 164 acres was purchased. Today, after much hard work, more than 60,000 trees are growing on the two farms. This enables Sterling to market about 2000 trees each year.

Eugene and Lee Spangler - Eugene began farming on a rented farm in 1947. With top management he was able to purchase his present farm in 1963. The dairy operation now consists of 80 head of dairy cows with a herd average of 17,000 milk and 696 fat. Eugene won the Mifflinburg Young Farmers corn yeild constest five of the last 11 years. Of special interest on the tour was the large farm shop where along with a hired man, machinery is assembled for the local International dealership. A father-son working partnership was formed in 1978 when son Lee graduated from Penn State with a degree in Ag Education. Son Glenn, is presently one of the vo-ag instructors at Mifflinburg High School.

John and David Dietrich dairy farm - Here the group met two of the most active Young Farmer members in the state. In addition to their Holstein herd of 75 cows David has found time to serve as PYFA state treasurer in 1970 and as state president in 1972. He and wife Barbara received the state community service award. A unique character of this farm is the contoured hillside which is the site for local classes on conservation. The farm has a total of 117 contour strips that are each 87 feet wide.

Kuhns Brothers Lumber Co. - This mill owned by two brothers, Larry and Leonard Kuhns, employs over 30. It was begun in 1962 and sawed 500,000 board feet that year. Today Kuhns Brothers saws over 7 million board feet of timber per year. New plans call for more expansion and pre-fabricated log homes, a pallet division and a tongue in groove division.

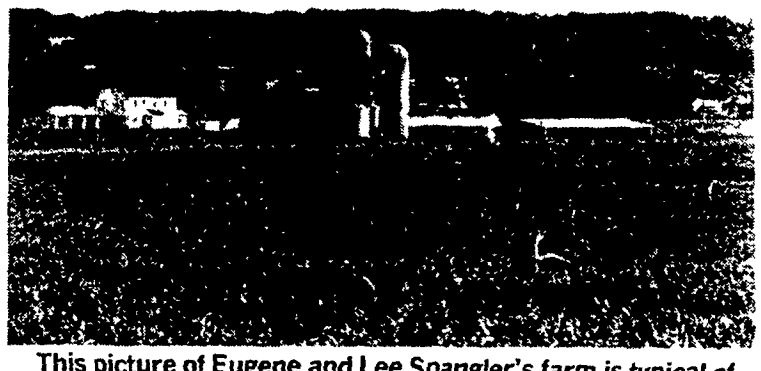
Martin's Vegetables - Ken Martin purchased this farm in 1979. He has chosen to pursue vegetable production and each year has added more vegetables to his already diverse farm crop recipe. This year he is growing cantalopes, watermelons, brussel sprouts, peppers, cauliflower, tomatoes, honeydew, cherry tomatoes, and greenhouse plants. Ken and sisters Ruth Ann and

(Turn to Page C3)

Distinquished guests and speakers at the banquet were, from the left, Rep. George Gekas, Betty Broda presents a letter from Governor Thornburgh to Mifflinburg PYFA president Dan Spangler, Deputy Secretary of Agriculture Chester Heim, and Penn State Extension Director Dr. Wayne Hinish.

Entertainment for the Friday evening program was provide by the Union County String Band, a fine group of pickers.

Ken Martin hosted four bus tours to his retail produce business. In addition to on the farm sales, Ken sells produce direct to local restaurants.



This picture of Eugene and Lee Spangler's farm is typical of the farm land around Mifflinburg that Young Farmers toured.

Pa. Young Farmers

(Continued from Page C2)

Linda demonstrated transplanting tomato plants for the tour.

Grove's Mill - The mill was built in 1774 and has remained in continuous operation since. The mill is powered by water and with a full head of water in its 36" and 42" turbines is able to develop 50 horsepower. Capacity of the roll mill for making flour is 10 bushels of wheat per hour. From this wheat, 400 pounds of flour are made. The mill contains enough storage for 10,000 bushels of grain. The corn meal and whole wheat flour are still made on a stone mill.

San-Be Dairy Farm - Henry Sanders, past State Young Farmer secretary and two sons, Jim and Don, are members of the San-Be farm partnership. Some of the unique sights on this farm include a computerized cow feeding system and some farm building paintings. Both Jim and Don are Penn State graduates, and came home to farm full time. The 70 cow herd averaged 18,175 lbs. of milk and 670 lbs. of fat last year. The herd is fed a total mixed ration accompanied by individual cow computerized grain feeding.

Boop Beef - Crop and beef production seem to go hand in hand for Mr. and Mrs. Jim Boop. Jim, one of Mifflinburg FA's American Farmer Degree recipients, began farming after graduation from high school. Today this farm includes over 200 head of beef and over 200 acres of corn. In addition Jim works part-time for both the local International dealer and for Stanford Seeds.

Clarence and Ken Beiler dairy - Number one on the DHIA list for Union County is this farm owned by the Clarence Beiler family. This 60 cow herd housed in a stanchion barn, has just broken the 20,000 barrier on milk production. The Beilers are becoming increasingly active in sales of breeding stock and recently sold a red and white Holstein to Pen-Col Farms for embryo transfer. A recent purchase of a tandem axle truck for manure handling has led to a side business of custom manure hauling. Manure is injected for maximum nutrient advantage.

Daryl Beiler hogs - Hogs are becoming increasingly popular to produce in Union County. Beiler received the American Farmer Degree this past November. He began his farm career by erecting a hog facility at the end of his senior year in high school. In 1981 Beiler purchased a neighboring farm of 102 acres. During 1983 he plans to market nearly 3000 hogs and grow more than 300 acres of corn.

Hackenburg Apairies - For David Hackenburg honey is more than a word to call his wife. He began his carreer in the bee business with a high school FFA project and today handles more than 1000 hives. He also rents hives throughout the eastern states. Each year hives are loaded on tractor trailers and hauled to Florida to aid in pollination of citrus fruits and as the warm weather travels north so do the bees. Tour goers were treated to fresh samples of the different kinds of honey that are produced from various plants.

Dock View Dairy - A retail jug milk operation run by the Dock family as a partnership. The jug milk operation was begun in 1963 with 40 cows. In 1967 a second farm was purchsed and at the present time the herd consists of 110 cows, 80 heifers and 50 steers.

Richard and Duane Kling - Corn soybeans, small grains, beef, hogs, capons, broilers and turkeys all make up the farm enterprizes of the Kling family. Richard began farming in 1956 with his father. Duane his son is following in similar footsteps and is devoting much of his interests and energy into expanding crop production, and improving the swine operation. The recent purchase of a grinder mixer with scales helps the Klings better monitor the efficiency of each of their agricultural enterprizes. Son Scott is a freshman at Penn State majoring in Poultry Science, upon graduation he plans to enter into the partnership.

Buffalo Valley Winery - Since 1978 the winery has used many of Union County's farm products. The winery bottles and sells its own variety of fine wines including, Niagara, Pink Catawba, Concord, Strawberry, and Spice Apple.

After the tours were finished on Saturday, Young Farmers enjoyed a chicken barbeque and competion in volleyball, horseshoes and a new contest this year, a 1000 pound tug of war.

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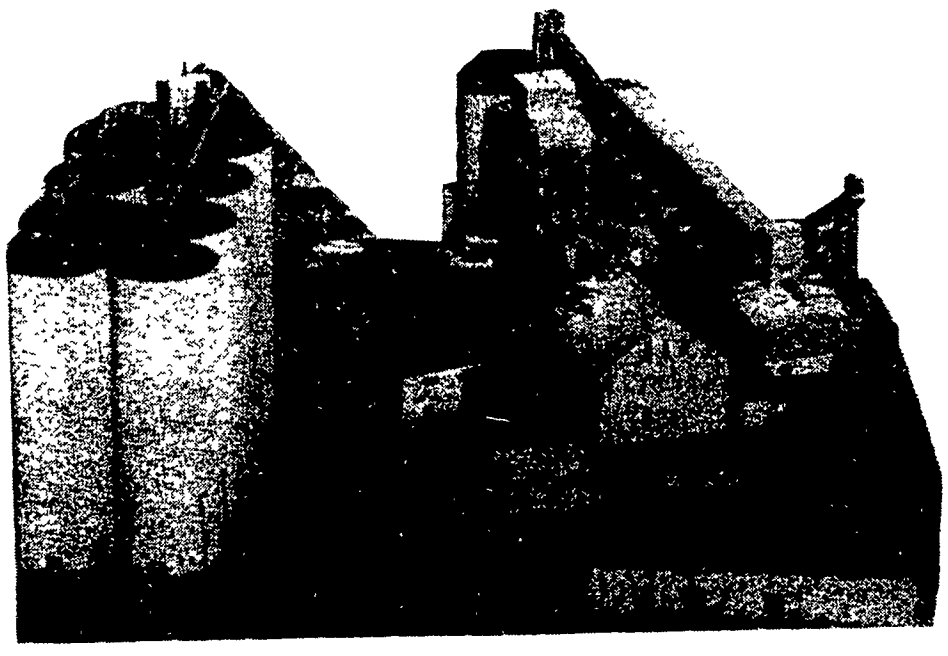

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MILK MARKET NEWS

ORDER NO. 4 BASE MILK PRICE $13.70 FOR JUNE

ALEXANDRIA, VA. — Middle Atlantic Order Market Administrator Joseph D. Shine on July 9 announced a June 1983 base milk price of $13.70 per hundredweight and an excess milk price of $12.27. The weighted average June price is also $13.70 and the butterfat differential for the month is 16.9 cents. The base milk price is up 2 cents from the previous month and is 8 cents higher than last June.

The advertising withholding rate, which is deducted from the base and excess milk prices but not the weighted average price, was 14 cents a hundred-weight. A total of $711.9 thousand was deducted for advertising in June, up from $696.4 thousand last year. The gross value of June producer milk was $69.6 million, compared to $67.6 million last year. The transportation credit on Class II milk, which was effective for the entire month of June, totaled $93,983.55.

Mr. Shine said that producer receipts totaled 508.5 million pounds during June, an increase of over 11 million pounds or 2.2 percent from last June. The average daily delivery per producer was 2,411 pounds, up 132 pounds or 5.8 percent from the June 1982 average. Class I producer milk totaled 226.0 million pounds and was up almost 11 million pounds over a year ago. Class I producer milk accounted for 44.45 percent of total producer milk receipts during the month. The Class I utilization percentage was 43.29 last June. Base milk accounted for 90.61 percent of total producer milk receipts in June compared to 90 02 percent a year ago. The average butterfat test of producer milk was 3.49 percent in June, down from 3.53 percent a year earlier.

Middle Atlantic Order pool handlers reported Class I in-area milk sales of 187.6 million pounds during June, an increase of 4.8 million pounds or 2.6 percent over a year earlier, after adjustment to eliminate variation due to calendar compostion.

Milk order comments asked

WASHINGTON, D.C. — Dairy farmers, cooperative associations, milk handlers and consumers may comment until Monday on a U.S. Department of Agriculture recommended decision to amend the Middle Atlantic federal milk marketing order.

Edward T. Coughlin, dairy official with USDA's Agricultural Marketing Service in Washington, D.C., said the proposed amendment would reduce from 40 to 30 percent the minimum percentage of a cooperative's total milk that must be delivered to pool distributing plants to pool its reserve processing plant.

The amendment was proposed by Pennmarva Dairymen's Federation, a federation of six cooperative associations. The proposed action is necessary to accommodate the pooling of milk regularly associated with the market while minimizing hauling costs, Coughlin said.

Principal cities in the Middle Atlantic market area are Philadelphia, Baltimore, Md., and Washington, D.C. The recommended decision is based on the record of a public hearing held in May.

The recommended decision will be published in the July 11 Federal Register. Copies also are available from: Joseph D. Shine, market administrator, P.O. Box 710, Alexandria, Va. 22313 — telephone (703) 549-7000; or, Dairy Division, AMS, USDA, Washington, D.C. 20250.

Comments should be sent to: Hearing Clerk, Rm. 1077-S, USDA, Washington, D.C. 20250, where anyone may see them.

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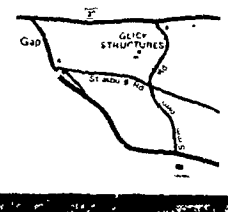

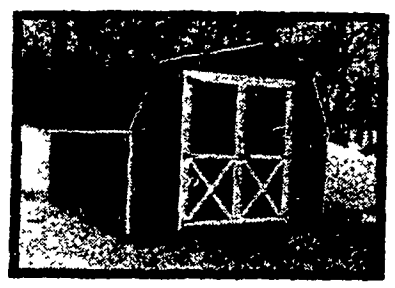

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Do you have 50 million weed seeds per acre of alfalfa?

BELTSVILLE, MD — Dormancy in weed seeds contributes greatly to problems of weed control. Some dormant seeds can persist in the soil for decades. Nearly all are immune to current herbicides.

U.S. Department of Agriculture scientists are working to overcome dormancy in weed seeds. If large numbers of weeds can be made to germinate simultaneously, the seedlings can be destroyed by herbicides. The weed problem would be greatly reduced, said USDA plant physiologist Raymond B. Taylorson of the Weed Science Laboratory, Beltsville, Md.

Taylorson summarized current USDA research on the chemical control of weed germination during the eighth Beltsville Symposium in Agricultural Research, "Agricultural Chemicals of the Future."

In the tilled layer of agricultural soils, weed seed populations commonly reach a staggering 50 million seeds per acre or 10 thousand per square yard, Taylorson said.

Each year, only 5 to 10 percent of these weeds germinate and emerge from the ground. Most of the remaining seeds lie dormant, awaiting future growing seasons. Some remain viable for decades.

Herbicides, with few exceptions, affect only the seeds that germinate. The vast bulk of dormant seeds are unharmed.

"Using herbicides is analogous to treating the symptoms of a disease and not the disease itself," said Taylorson. "Even with a total herbicidal kill of a season's weeds, enough seeds remain in the soil to produce more than 500 new weed seedlings per square yard, year after year."

One way of reducing this dormant population of seeds is to destroy them directly. The substances known to do this, however, are extremely costly soil sterilants that also kill beneficial organisms, Taylorson said.

A more promising approach is to stimulate germination of weeds and then eliminate the seedlings. Some nitrogen compounds, growth regulators, anesthetics, and a few herbicides are known to do this.

The most successful has been the growth regulator ethylene, which stimulates germination of witchweed (Striga lutea). To germinate, seeds of this parasitic weed normally require a chemical released by the roots of other plants. Ethylene causes germination in the absence of such host plants. The fragile witchweed seedlings quickly perish, which Taylorson and other scientists call "suicidal germination." Ninety-nine percent of witchweed seeds can be stimulated and killed in this manner.

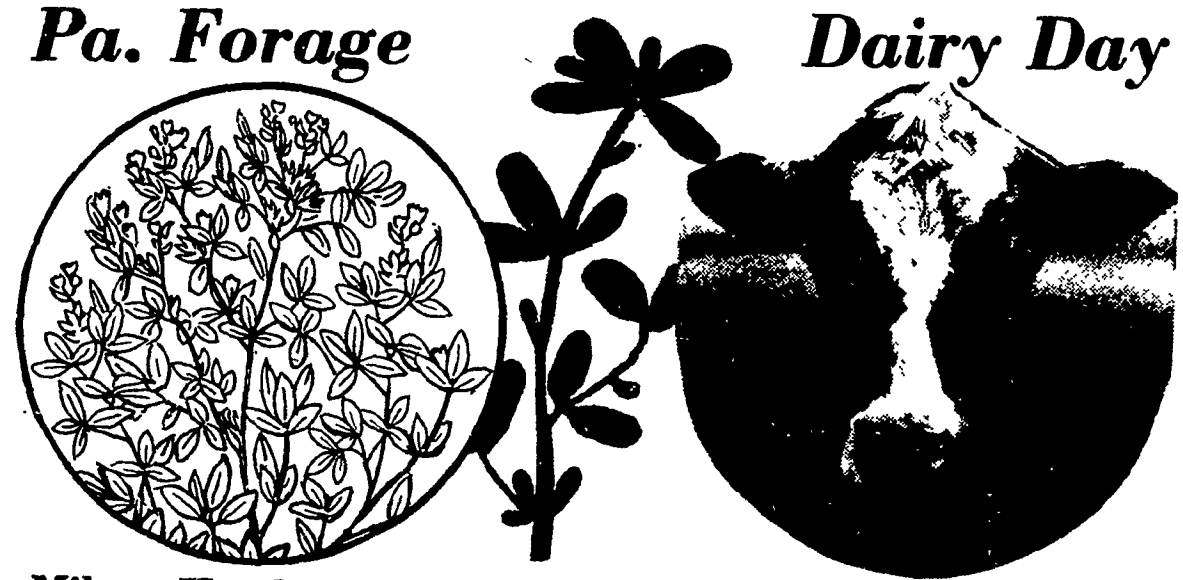
Future germination stimulants should possess several common traits, the Agricultural Research Service scientist said. Stimulants should be able to break dormancy in seeds normally requiring light to germinate. A low molecular weight would increase the stimulant's chance of penetrating tough seed coats. Some volatility would help distribute the stimulant through the soil.

To control as many different weeds as possible, commercial germination stimulants probably would need to be applied several times a year. The seeds of many weed species periodically "wake up" and become less dormant at certain times of the year. These periods of increased susceptibility when weeds seeds are on the verge of germinating probably vary from one weed species to another.

Repeated application of chemical stimulants therefore would give the greatest benefit to farmers, Taylorson said.

"The fewer weed seeds in the soil, the less time and money spent on control," he added.

Pa. Forage *Dairy Day*



Milton Hershey School Farms 9 a.m. - 4 p.m. July 19

Did you lose 80 tons of soil

HARRISBURG — Soil erosion from hard summer showers has been excessive on many Pennsylvania farm fields, state Federal Soil Conservation officials.

Reports of heavy soil losses on corn and soybean fields have been reported from all sections of the State. "Heaviest losses appear to be in the central and northcentral counties," commented James Olson, State Conservationist for the USDA Soil Conservation Service.

Soil losses of 80 tons per acre or more have been found in these areas. A cornfield in a central Pennsylvania county had a small gully turned into a 12-foot deep, 50-foot wide chasm by four inches of rain in 20 minutes.

Olson noted that excessive erosion is expensive to repair. Far worse is the fact that irrevocable damage has been done. Fields cannot remain as productive as before the storms.

"The fact is that nature takes about 1,000 years to form an inch of soil. Through poor management, a single storm can undo what took nature 10 centuries," quoted Olson.

Soil losses are highest on fields farmed by the conventional method of plowing, disking, planting, and cultivating. Losses are low on fields where the corn and soybeans were planted by no-till or other conservation tillage methods. Sod and other plant residue are left on the surface of the soil in conservation tillage to protect against the rain's erosion impact. Terraces, diversions, waterways, and contour strips used in association with conservation tillage had little or no erosion.

"The hard storms have again proved the need for and value of good soil conservation practices," concluded Olson. He urged farmers with high soil losses to contact their local SCS or county conservation district offices for advice on preventing future soil losses.

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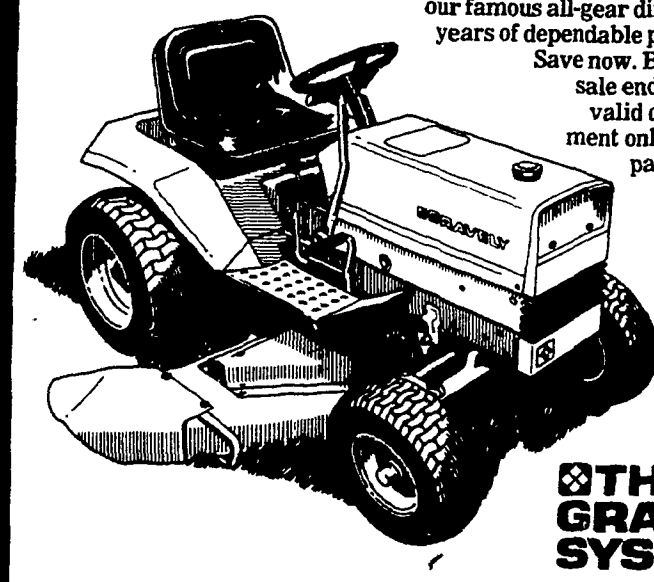

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Hazardous waste talks set

COLLEGE PARK, Md. — Hazardous wastes - what they are and how to deal with them - will be the subject of a symposium sponsored by the Maryland Old Line Chapter of the Soil Conservation Society of America on Thursday, Aug. 25. It will be held in the main auditorium of the University of Maryland's Center for Adult Education in College Park.

According to James M. Helm, chapter president, speakers from government and industry will discuss all facets of the hazardous waste problem.

"It's intended strictly as an informational day for constructive discussion of a sensitive issue," Helm said. Topics to be covered include an overview of the current situation as well as the safe storage, transportation and disposal of hazardous wastes. Political responsibilities and citizen concerns will also be addressed.

The meeting, open to the public, is geared to planners, engineers, public works officials, conservationists and others involved in the hazardous waste issue.

Cost, which includes lunch and refreshments, is $25 per person. Deadline for reservations is Aug. 12. For more information, contact Jack Sanders, P.O. Box 166, Westminster, Md. 21157, or phone 301-848-6696.

Delaware Goat Club sponsors kid contest

By Trish Williams

NEWARK, De. — The Delaware Dairy Goat Club is sponsoring an essay contest that will award as a prize an American Alpine doe kid to the boy or girl with the winning essay.

The contest is open to all youth in the State of Delaware between the ages of 8-16 that have facilities on their premises to accommadate the animal.

Youth entering the contest are asked to write an essay that in 500 words or less tells how they would feed, house, train, and in general, manage and care for a kid placed in their care.

A judge chosen by the Delaware Dairy Goat Association will select the two best essays. A committee of the club will visit the finalist to inspect the facilities and interview the contestant. The committee will make the final decision.

The first doe kid born to the doe awarded must be returned to the Club for the next contest. The Club is essentially starting a kid chain, that will hopefully with the right management, perpetuate itself.

Presentation of the doe kid to the winning contestant will be at the September 1, 1983 meeting of the Delaware Dairy Goat Association.

Entries and further details on the contest should be directed to Debbie Vickers, RD 1, Box 192, Laurel, DE 19956.

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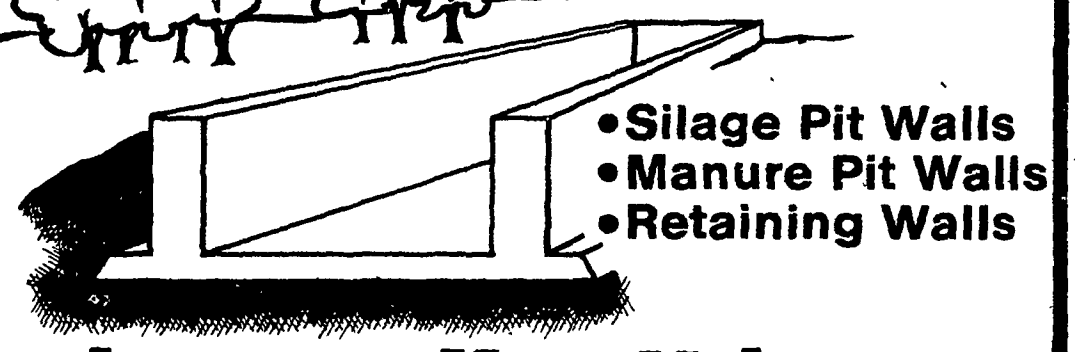

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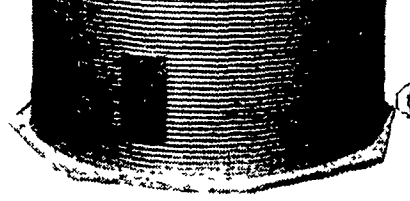

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Farm Talk

by

Jerry Webb

Delaware Extension

Organic farming

Mention the term "organic farming" and you raise all sorts of images in the minds of readers. To some, organic farming is back to nature. To others, it's a fad — something that isn't practical, but it seems like a good idea. It's health food and love beads and all the rest of the flower child era.

The term organic farming conjures up visions of idealistic young city dwellers trapsing off into the boondocks to grow vegetables on some old rundown farm. As long as the checks keep coming from Mom and Dad, they'll be all right.

The point is, most people don't see organic farming as a viable way to make a living in agriculture. And maybe in the purist sense of the term that is true. But organic farming is a rather broad term that can be used to include a lot of cultural practices - some very workable and very practical.

The kind of organic farming that is really working these days seems to center around good tillage and conservation techniques and a minimum use of agricultural chemicals. Some pretty large farmers are working in this direction and some of them are quite successful.

Big-time operations

A recent issue of "The Furrow" magazine, a periodical produced by the John Deere Company, includes and article on big-time organic farming operations and how they're being run. They vary in size from a 180-acre Christmas tree farm in North Carolina to a 5,600 acre crops and livestock spread in Colorado. For the most part, they're well-managed, well-equipped farming operations with fairly high yields and reasonable good returns.

Here's an example from the publication. Willis Weigand grows 700 acres of corn, soybeans, small grains, and hay in Illinois. He uses no commercial fertilizers and no pesticides. His yields are 10 percent above local averages and his profits are 10 to 15 percent higher. He's dedicated to a system of soil stewardship that includes crop rotations and heavy use of legumes.

Levi Hanson, who tills more than 2,000 acres near Gildford, Montana, relies on yellow sweet clover as his only fertilizer. He seeds it right along with the wheat in the spring. He disks the clover in just before it starts to flower, and according to Hanson, it fixes enough nitrogen to make a good wheat crop. At the same time, this rotation has increased the organic matter, tilth and water-absorbing capacity of his soil.

Use of manure

Another cornerstone of good organic farming is livestock manure. Those that have it, or can get it, rely very heavily on its crop-improving properties. Some go as far as to compost manure to make it better. Some organic farmers use the so-called microbial fertilizers, soil conditioners, growth regulators, and other products that are on the market, and some even consider agricultural lime and rock phosphate as being organic and natural.

Farmers quoted in The Furrow article seem to agree that when they switched to organic farming, yields dipped, but then as soil conditions improved, they crept back up again. And although many still fail to get the maximum yields of their previous high chemical era, they show considerably reduced expenses that more than make the difference.

What do they do about weed and insect control? Well, organic farmers are inventive bunch and they do whatever they can. One Christmas tree grower keeps 450 geese and 170 sheep to mow around his trees. Some release predator insects to help control insect outbreaks. And in some cases, when necessary, they use insecticides.

One of the lures of organic farming has always been the prospect of increased prices for commodities because of their "healthier" growing conditions. Health food stores and other buyers have been willing to pay premiums for organically produced crops. But that is a limited market and it's also wide open when it comes to the standards of organic production. Almost any farmer can say his crops are grown organically, and who's to challenge him? There really aren't any government standards and there are so many definitions of organic farming.

Chemical alternative

Don't expect organic farming to take over. It won't replace conventional methods any time soon for a lot of good reasons. But it could become an increasingly important consideration and farmers who have been using high levels of chemicals even beyond what was necessary could be influenced by this movement. Many farmers are cutting back on chemical use and it has nothing to do with a natural philosophy. It's just economics. The go-for-broke kind of crop production of a few years ago is being replaced by a more conservative, more cost-conscious attitude.

Farmers are looking very hard at the economics of crop production, seeking optimum combinations of yield and imputs to get the greatest income rather than the highest yields. For many, this has meant a return to some of the old ways that could be classed as organic. Crop rotations, cover crops, the use of nitrogen-fixing legumes, plowing down of plant residues, nonremoval of cornstalks, wheat straw and other covers, and a dedication to a pest management philosophy that means chemicals when absolutely necessary but not when the first bug appears.

It seems to me there's a common sense rationale somewhere between the all-out, one-pass chemical farmer and the organic purist that includes some pesticides, some fertilizers, some animal manure, some crop rotations, and some good old-fashioned soil mangement. That may not be organic enough for the health food bunch, but I think it will keep our agriculture strong and our pantries full and will help to guarantee the future productivity of our soil.

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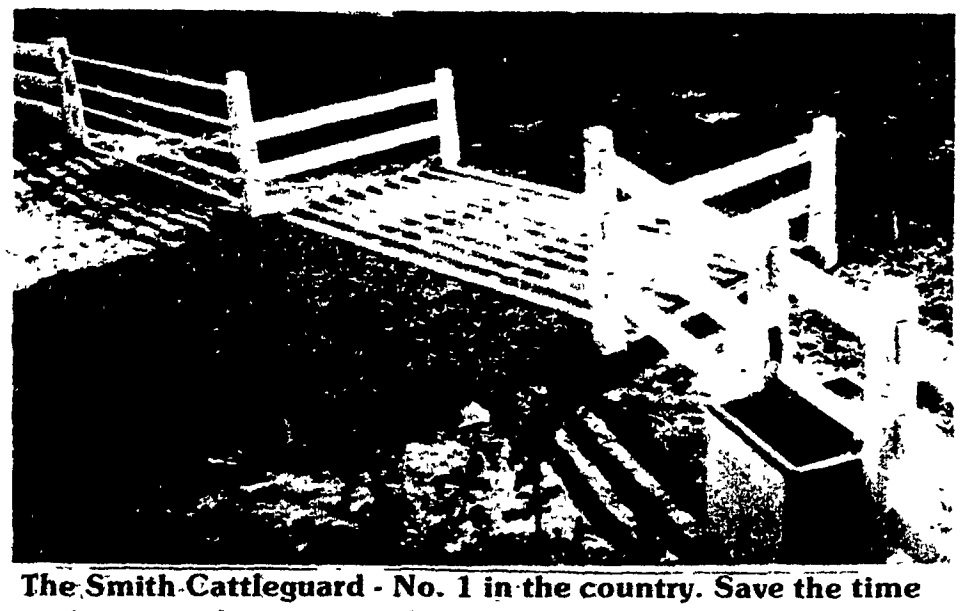

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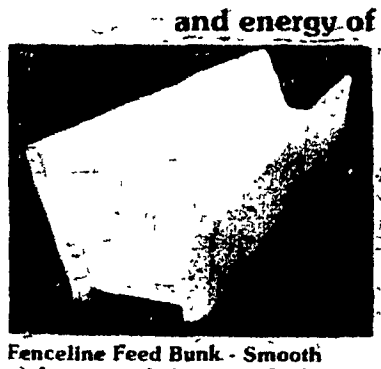

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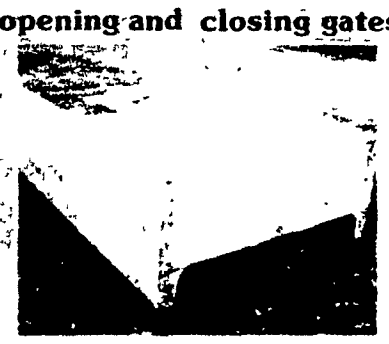

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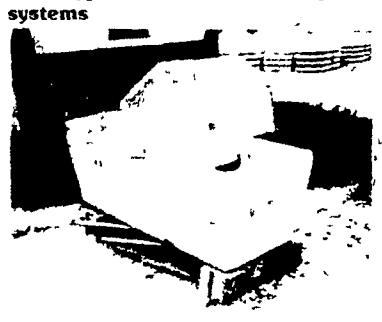

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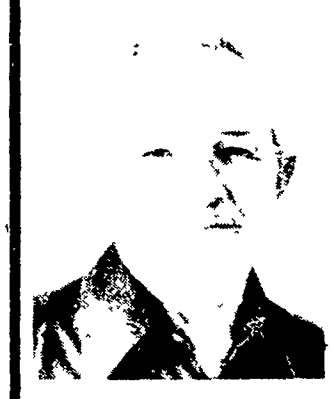


The Dairy Business

By Newton Bair

The Heat of Summer

The busier a fellow gets, the more he tends to ignore the discomfort of a hot day. Or, maybe it's the heat that is causing me to think that way!

Right now, with the temperature at 94 degrees in the shade, it's perfectly allowable to get a little "crazy with the heat". But it is easily curable with a dip in the pond or a sip of something cold and wet (don't overlook a long draught of you-know-what, the milk that pays the bills).

Now while you are cooling off, let's take a look at another kind of heat - the kind you're glad to see when Pietje II is due for another go-round in the calving cycle. Since missed heats are costly, this is one kind of heat that's usually welcomed. Except, of course, if they occur after insemination and you thought she was safe.

The High Cost of Missed Heats

I have developed a Computer program that dramatically shows how much money is lost when cows don't get bred on time. The equations were developed by Dexter Putnam, Professor of Dairy Science at Penn State, for use in county DHIA workshops.

The calculations can be performed by hand or with a calculator, but this always takes a lot of time that most of us think we don't have. The computer does it very fast and painlessly, which is why I like to use the Apple. It asks simple questions that can be answered either off the top of your head or more accurately, from your monthly DHIA report.

The items directly related to breeding efficiency that can affect your income on a herd basis are:

1. Days open. 2. Services per conception. The final figures for the herd will than be influenced by herd size, the price of milk per hundred, feed cost per hundred weight of milk, replacement cost per cow, value of an average calf, and cull cow price.

Days Open

This item can be found on the report, for either an individual cow or the herd. The equations used are based on the herd average for days open, which more accurately reflects your efficiency as a breeder.

Ideally, if a cow conceives at 90 days after freshening, she will have a 12 month calving interval. Thus, the calculations are based on this 90 days as the ideal 'open' period, or 'days open'. Few cows in a high producing herd actually achieve this, so don't get too excited if your 'days open' are longer than this. The significant question is "how much over 90 days open can you afford"?

Services per Conception

Each breeding service after the first service delays conception by at least 21 days. Additional services not only add to the days open, but also result in higher breeding costs, additional veterinary fees, and possibly some production losses at the end of the lactation. An ideal to shoot for in a good herd would be between 1.5 and 2.0 services per conception on a herb basis.

Here are some results of several runs of the computer program, using actual figures from different herds of the same size, using standard figures for milk price, replacement cost, calf value, and feed cost per cwt. of milk. Milk price, $13.00/cwt. Replacement cost of cow, $1200.00. Calf value, $125.00. Feed Cost per Cwt. of milk, $9.00.

The only differences are in Number of Days open and Services per conception.

Herd #1: Days open, = 95. Services per conception = 1.9.

In this herd, there were no significant production losses due to delayed breeding. The actual losses that could be attributed to extra services were added AI costs of $0.67 per day open, added Veterinary costs of $0.42 per day open and a factored loss of $1.87 replacement cost per cow per day open. It added up to $940.58 for the herd - an acceptable figure for a 60 cow herd.

Herd #2: Days open = 120 days. Services per conception = 3.2

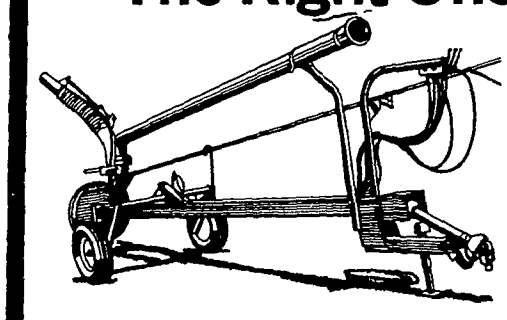
In this case, the calculated losses included milk loss of $13.07 per cow, added AI cost per day open of $1.75, Veterinary costs of $1.86, and replacement costs of $8.28 per cow per day. For this herd, the total of all losses due to reproductive problems added up to $16,965.00 for the herd!

I'll have to admit that some questionable assumptions are made in this type of calculations. But the conclusions are quite valid; for every extra day open and every extra service per conception (herd basis), it is costing you money.

Note: The Computer program used to calculate the losses is available for the Apple Computer. Send a self addressed stamped envelope to Newton Bair, 200 S. Spruce St., Annville, Pa. 17003.

Look For The Right One!

Calumet



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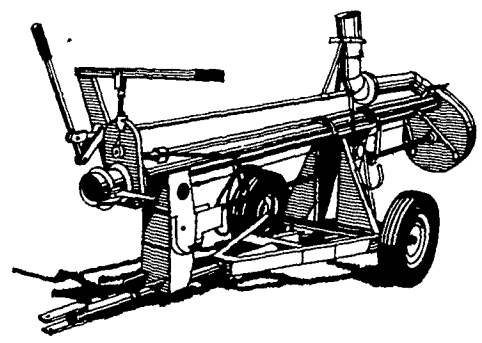

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Be prepared for camp cooking

NORRISTOWN — Nothing tastes better than food cooked in the great outdoors! If you are going camping, be sure you take along the proper equipment for your back-to-nature meals, says Nancy B. Stevens, home economist, Montgomery County Extension Service.

A traditional campfire may be a lot of fun, but at most campsites, you need permission, facilities, and fuel which may not be easy to get. Save yourself the time and trouble by taking a small two or three-burner gasoline stove. Although several types are available a small model is best to conserve space and the weight of your equipment. Be sure to take along non-leaded fuel in a proper container which is clearly labeled so gasoline and kerosene fuels are NOT confused.

Keep your cooking utensils to a minimum and take those that have the widest range of uses. Take a large kettle, a large frying pan, a stewing pan, a coffee pot, a long-handled fork, a couple long-handled spoon, a cake turner, a spatula, an 8-inch or 10-inch knife, a few paring knives, a soup ladle, a measuring cup and a set of measuring spoons. Most of these are already in your kitchen and there's no need to buy special "camping" varieties.

Take along plastic tablewares if you have it — it's light and non-breakable. Take along your old cutlery, if you think it's necessary, but don't take anything that is good and could be lost or destroyed during the trip.

If you and your family are not quite used to "roughing it," you may want to take along a folding table and chairs. Although many campsites provide tables and benches, some don't. To be safe, take your own.

When you're ready to go camping, divide up the list of equipment and food and let each member of your family help gather and pack — a family campout is a family responsibility. Make the trip an enjoyable one for everyone by sharing the cooking, food and fuel gathering, and cleaning up after meals.

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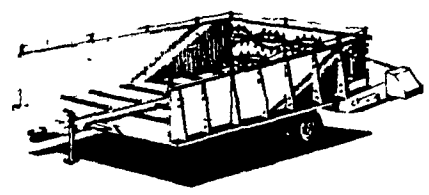
YOUR NEW HIRED HANDS

STATIONARY CONVEYOR BOX



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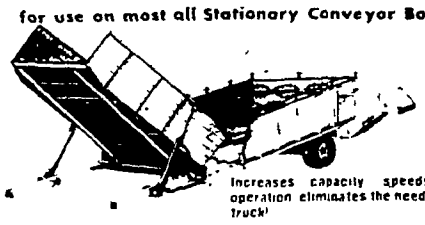
Feed Your Blower Automatically!

Pintle chains used throughout with heavy worm drive! Rugged construction!

2-wheel axle & tongue with jack standard!

Driven with electric motor or flow control hydraulic motor! Just hook up your hydraulic line to the conveyor box and you're operational!

ADD OUR 14' HYDRAULIC RAMP
for use on most all Stationary Conveyor Boxes



Increases capacity speeds up your operation eliminates the need for an extra truck!

Saves time & manpower. Dump a full truck load, no waiting! Go right back to the field while conveyor box feeds the blower! Fast... Easy to hook up! Just push into place!

SPECIFICATIONS
Length 14' Width 9' 8"
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mountain lake, mn. 56159
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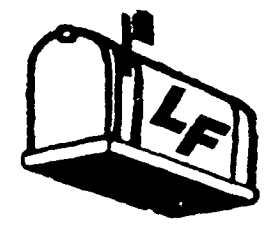

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Fan carries a five-year warranty and features:
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FARM EQUIPMENT

Woods rotary mower, 8½' cut, #208, trailer model, like new, $1975. 215-367-6160.

Grain and fertilizer drill, 1881 Hand thresher, Lebanon; 1950 Emerite pump. 717-264-8370.

For Sale - 4420 JD Diesel corn-soybean combine, 23.1x26 drive wheels, model 215 flexible platform, loaded, like new used less than 400 hours, 609-859-3439.

Ontario drill, $250; 2 NI hay wagons, $350 each; barn scale, $80; utility elevator, 12', $100. 717-867-5315.

SADDLE UP!

To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!

FARM EQUIPMENT

Deutz 100-06 late model, 2300 hours, twin outlets, excell. cond., $9200, make offer, Lancaster Co., 717-426-2659.

For Sale - JD 2010 diesel, wide front end, recently overhauled, new paint. Lancaster County 717-354-8933.

Oliver tractor 1750 Diesel 80 HP with 15 speeds forward 3 reverse using easy to shift over/under drive. Good cond., $6300, 717-292-6435.

For Sale - Jaeger 5x4 irrigation pump. Also pipe sprinklers and accessories. 717-799-5306.

Mc. #9 cutter, Gehl CB600 harvester; Mc. PTO corn binder; Nicholson tedder, NH rakes, NI 752 crimper, NI and Farmer elevator; Vicon spreader seeder; NH 404 crimper. Sam K. Zook, Coopers Drive, Kirkwood, PA.

For Sale - 11L-15 8 ply General wagon tire with tube, $56.00 while they last. 717-933-4032.

For Sale - Fox chopper, 2 row narrow, pickup head, elec. knife sharpener, 1000 RPM, all remote controls, $650. 717-933-8181, 933-4032.

For Sale - forage wagons, Grove, hyd. drive, 3 beaters, roof, excellent condition Lebanon Co. 717-866-6081.

JD 1520, 55 HP w/143 1500 lb. 60" wide loader, 1775 hrs., independent PTO, posi-traction, remote hyd., 14.9x28' rear tires, excellent shape 717-867-5315

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WE HAVE NOT INCREASED OUR PRICES SINCE FALL OF 1981.
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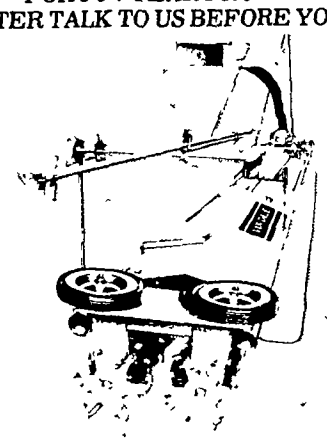

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FARM EQUIPMENT

IH 560 G, many new parts, IH 411 plow, IH grain drill, 13 row Call 609-586-2869.

1975 Case skid steer loader, model 1737, propane gas, 37 HP, 4 way bucket, water cooled, runs good, needs some work, $3600 215-837-9405

For Sale - Oliver 1550D tractor, WFE, 65HP, completely rebuilt, Berks Co., 215-944-0222.

For Sale portable hammermill made by Feedmobile Inc, recently overhauled, used very little mounted on IH truck, 717-469-7292 or 469-2864.

SAVE $3900! NH 516 205 bu. manure spreader, runs like new, looks great, 3 beater off loader, $900. 717-867-5315

Case 8' transport disc, $500.
DENNIS M. MILLER
Rt. 22 Grantville, PA
717-833-1888 anytime
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5020 JD w/duals. 717-435-2921.

NH baler 271 with kicker, baler field ready (has been recond.), kicker needs minor repair $1000, Northern MD 301-877-.015.

For Sale - JD 4010 diesel, 2700 hrs, new paint, excellent condition, $7600 717-949-2448.

510 MF diesel combine, 13' grain head, air, quick-tach, excellent running condition, $11,500 or best offer. Baltimore County, MD. 301-343-0101.

JD 4020 Diesel, WFE, power shift, roll cab, weights, nice cond., ready to work, 717-532-8363.

Rebuilt VG4D Wisconsin engine, $795, 717-247-7858.

Farmall Super C, hydraulics, 3 pt. hitch, cultivators, new paint, lights, exc. condition, $2000. 717-529-6531.

JD 1980 6620 hillside combine, 15' grain head, 6' row 30" placing corn head with cab and air cond, like new, 868 hrs 717-435-2921.

For Sale - JD 7700 Combine, 301-885-2450.

JD 4020 diesel, wide front, very nice condition, will sell with or without cab 717-532-7054.

NH TR85 Combine, Demo, $55,000.

NH TR70 Combine, 1040 hrs. $32,500

NH 892 Harvester, new, with metal alert $11,000.

Mity-Mac Skid Loader $3300.
WENTZ FARM SUPPLY
Palm, PA 215-679-7164

FARM EQUIPMENT

For Sale NH model "66" baler powered by two cyl. Wisconsin engine. Call 717-398-2212 Linden, PA.

For Sale - JD 2RRC -wide, $400. Round bale grapple fork for front end loader w/hyd. cyl., $500. IHC 16 harvester, $500. 717-463-2394.

IH 4130 skid loader, very good condition, $4900; IH 504 industrial utility tractor, low hours, $3900; IH model 200 1974, T-tag dump truck, fair condition, $2250. Call 8-5 717-925-2201 Neil S. Harrison, Inc., Benton.

For Sale - JD 1550 power till seeder, $4800. 717-463-2394.

Ford combine auger tip feed, 7' cut, motor overhauled in good cond., Darlton Langley, $1000, 412-438-4387.

For Sale - JD 336 baler w/30 ejector, hyd. cylinder on ejec. and on tongue, $4900. 717-463-2394.

GM Diesel Generator 50 KW 220V/440V 3 phase 115V complete with auto-changeover panel run approximately 250 hrs. Priced to Sell. Call 215-376-8111 S. Feeney for details.

For Sale - IHC 400 gas, independent PTO and hydraulics, power steering, 3-spool hydraulics, fair condition, $1200; Case belt-driven inch hammermill, good condition, extra screens $125, 1951 GMC dump truck, 11,000 GVW dual wheels, 48,000 original miles $700; Cap for 6' Datsun pickup box plywood, windows, lights $75. Gravity wagon box, custom built, heavy duty, approximately 165 bushel capacity $325, Schuylkill Co. 717-345-3786.

For Sale - JD 145 plow (5-16) coverboards and sidehill, $1500. NI 3 pt. fertilizer twin spin spreader, $400. JD 567 wheel rake, $400. 717-463-2394.

Two 15.5x38 tractor tires, 35% tread, $50 each, eves. after 7:30, 717-277-6235.

1600 Oliver with mounted corn picker, husking bed and sheller attachment, good cond., $4500, Schuylkill Co., eves after 7.30, 717-277-6235.

For Sale - corn head fits #35 combine, 72, 82, and Super Combine 92, good condition, $300 Baling twine 40 bales, 16000' per bale, $30 each. 215-424-0182.

For Sale - 1978 John Deere model 6600 combine, side hill, 1550 hrs., with 643-6 row corn head and 215 grain platform, Tross Terrains, Inc Box 511, RD 3, Sunbury PA 17801, 717-286-6411 or 717-286-0215

Wanted - Bale kicker, complete hydraulic #30 for JD #336 baler. Carroll County 301-857-4639.

2 row corn head for sale for JD 40 combine, $300 or best offer 301-241-3358.

Beautifully restored 1909 Columbus freight wagon w/spring seat. C Paul Bailey, RD#1, Box 228, Mansfield, PA 16933. 717-662-3302.

MF 410 diesel combine, cab, air, AM-FM radio, most new belts, 4 row 38" corn head, 12' grain head with pickup reel, $8600. 717-998-2217 after 6 PM.

JD 4400 combine, gas engine, w/15' grain head, $9500 or best offer. 201-359-5934 evenings.

MF T035 diesel tractor, MF 235 diesel tractor, 72 HP diesel tractor, 48 HP diesel tractor, NH hay wagon, NH 9' haybine, Vermeer 605C round hay baler, JD 1010 backhoe and front end loader, new 5' Bush Hog 703-882-3573

GEHL Equipment at closeout prices 717-784-0250

Oliver 1850. 814-793-4293.

FARM EQUIPMENT

Oliver 1950T cab and air 814-793-4293

For Sale - MF #35 self-propelled combine, very good condition. 717-677-7245.

1568 International black stripe cab, air, heater, AM-FM, 8 track, tilt wheel deluxe cab, 20.8x38 tires, very good rubber, brand new factory short block, very nice tractor, always shedded, was asking $21,500 now $14,500, must sell, Clearfield Co., 814-583-5332.

For Sale - 1976 MF 750 combine, hydrostatic trans., cab, heat, air, with grain and corn head. 215-944-7453.

For Sale - AC D15, good cond., 717-776-7542.

For Sale - 3 pt. hitch mower, cultivator, blade and platform, also new hay feeder, 717-682-9391.

5050 Allis Chalmers, 2000 hours, good condition, $5600. 703-434-1218.

For sale - Farquar sawmill, 3 head blocks, in very good condition. 717-362-9703.

Wanted - used grinder-blower for ear corn, in good condition. 814-267-3724 between 7 & 9 PM.

For Sale - JD 5440 self-propelled chopper with 380 hours, with 3 heads. Call 716-593-4496 after 9 PM.

For Sale - Massey Harris #60 self-propelled combine, 10' cut, pickup guards. 717-275-4553.

JD H, very good cond., new tires and live hyd., trans. and clutch, reconditioned, $1750, with plow and cultivator, 717-464-2874.

Wanted - Crank shaft for 1850 Diesel Tractor, Perkins 354 engine 215-933-9524

TR85 NH combine, 13' grain table, six 30" row corn head, 3208 Cat diesel motor, 102 hours, same as new, excellent condition, sold farm, so no need of combine. 36' nine rings high, 24,000 bu. capacity, Brock grain bin, 4 years old, 70' bucket elevator leg w/Gleaner, 1500 bu. capacity per hour, 20x30 Harvestore, exc. cond., 12-AB 120 bu. capacity Batch dryer, 15' IH cultimulcher, same as new. 717-677-8576 or 717-677-6246.

IH 350, good cond., recent TA and trans. overhaul 2 pt. hitch, $1650, trades considered, 717-464-2874.

For Sale - tractor Ford 3000, gas, 5' 3 pt. rotary mower, excell. cond., $4000, 215-374-2985.

Farmall Super C with cultivators, good cond., $1850, 301-877-1658

IH 340 Diesel, excell. cond., ps, TA, 2 pt. and weights, 2100 hrs., engine has been overhauled from top to bottom, 30 day money back guarantee, $3000, trades considered, 717-464-2874.

Wanted - Backhoe or track loader for trade on farm tractors and we will take over payments. Box 7, Valley Forge, PA 19481.

For Sale - 1880 self-propelled chopper, cat engine. Box 7, Valley Forge, PA 19481.

For Sale - parts from antique GP John Deere tractor, 717-464-2874.

Irrigation System, 1000 gallon pump 8x6 - 4x40 + 6x40 pipe - 18' Brillion transport harrow - 12' Brillion packer - 14' Case disc. Trenton, NJ 609-259-2802

Case 960 combine with cab and 13' header, Columbia Co., 717-356-7482.

H Farmall with cultivators, 449 4 row IH corn planter, Chattanooga 11' cultipacker, Athens 7 or 9 tooth two row chisel, loader for IH 06 or 56 series or equip., Antique four blade stalk chopper. Harford County, MD 21161. 301-996-2924.

FARM EQUIPMENT

JD 5 btm. plow, hyd. reset 717-637-0192

IH 21x7" soybean special drill w/double disc openers, dual rib press wheels w/depth control, $3,500, 301-272-3636 day, 301-272-2620 night

JD 60 new rubber, very good condition, $2000. 215-356-5305.

For Sale - JD 3690 forage harvester, like new, all hydraulic, 2 row 30" snapper head for high moisture ear corn, 3 recutter screens. 301-875-2250.

IH856 wide front, 3 pt., original paint, 814-793-4293.

For Sale - 1956 Hough 4 wheel loader, model HO22A, $6,800. Myers 500 gallon double blast ag sprayer, mounted on Reo 6x6 army truck, $8,500. 34' Fruehauf self-contained live bottom trailer, $1,900. 2 Smitley range feeders, 4 ton capacity, one good $400, 717-473-3031 8-5 PM 717-473-3852 evenings.

IH, 1066, Excellent Condition, $9,850. 717-284-2761.

For Sale - Hesston 12' Hydro swing haybine, good cond., 215-944-0791.

JD 7000 corn planter, 4 row, no till, w/monitor, 814-793-4293.

AC 60 PTO combine w/bin, $400. JD 30 combine w/engine drive and bin, $650. 215-679-9010.

For Sale - Coby 275 bu. manure spreader; Biro meat saw, 4 Nu-Pulse milkers. 201-981-0672.

For Sale - D-4 Caterpillar dozer, blade and winch, excellent condition 717-272-8188.

For Sale - Combine IH #205, #203 and #93, JD #40 and other types of farm machinery, call Gary Leader, 814-652-2809 or 814-652-6540.

'69 450 Case crawler loader parts (good bucket $350). Two 450 Case crawler sprockets, 80%, $200. Gary Diehl 215-345-6487.

For Sale - 1 corn picker, IH 2 M.H. double row, good cond., 717-789-3313.

IH model 93 combine, 10' head, hydraulic reel and hydraulic head, good condition, asking $2500. Call after 4 PM 717-323-6416 or 717-745-7247.

Vermeer round baler; used model 1500 Gehl round baler. 412-423-4076.

Ford 5000 diesel, 3 pt. wide front. 814-793-4293.

NI model 700 uni-tractor w/10' Minneapolis Moline model W4 combine, excellent condition, call evenings. 717-285-7204, 717-285-5813.

Used model 660 Case self-propelled combine w/cab and 10' grain table. 717-423-6110 Franklin Co.

1086 IH w/cab and air, 4440 JD w/cab and air, 4430 w/cab and air, 4320, 4020, JD skid steer 170, Case skid steer 1830, new and used forage boxes w/bale throw racks, MF 510 combine, 15' grain table, 4 row corn head. 717-547-2387.

1979 IH backhoe 250A torque converter, excellent condition, 10 foot Woods rotary mower, excellent condition, Mott 8 foot flail mowers, phone 215-646-2096.

Ford 5500 Diesel, backhoe loader, excell. cond., partial cab, snow blade and round bale handler attachments, used only on farm, $7500, 814-237-0286.

For Sale - #45 round back John Deere combine, for parts. Good Hercules engine. Sell cheap. 814-756-2675, Bedford Co.

A Farmall tractor, plow, cultivator, and sickle bar mower, manual lift, good condition, $1200. Bucks 215-249-3698.

FARM EQUIPMENT

Minneapolis Moline 950 diesel, excellent condition 814-793-4293.

203 Int. combine, 13' grain head, TD 6 PTO unit and belt pulley. 215-286-9026 Lanc. Co.

Minneapolis Moline G1000 diesel, cab and air. 814-793-4293.

JD 4020 w/Hiniker cab, extra clean. 814-793-4293.

International combine 91 10 foot grain head, like new, phone 717-292-3792

For Sale -- Martin Equalizer manure loader model RM12222, Martin scavenger manure spreader model #51678, 24' Case drag cultivator. 607-776-6555. Donald Chatfield, RD#1, Bath, NY 14810.

MF 300 combine 13' hyd. hume reel, two row 222 corn head, cab, $3500. 717-286-8846.

Oliver 2050 diesel dual hydraulics, original paint, low hours, 814-793-4293.

7720 JD combine, 16' platform, 643 corn head, 4WD, straw chopper, 30.5 drive tires, new belts, chains and sprockets, 1300 hrs. 301-778-5255 eves.

For Sale - 325 bu. N.I. Spreader, hyd. tailgate, top beater, pan, new web 1 yr. ago $2950. Snyder Co. 717-374-8750.

3300 JD combine, like new, 427 hours; JD 38 harvester w/pickup. Good condition, 814-926-3669

IH 1456 dual remote hyd., 18.4x38 axle duals; heavy duty 20' Amco wing disc, new 22" blades, $12,000 takes both, 717-786-2534.

New 1300 gallon PTO liquid manure spreader, $1800. Call between 8 and 9 AM 717-768-3197

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

JD 4320 w/cab, dual hydraulics, original paint, low hours, 814-793-4293.

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section 717-394-3047 or 717-626-1164

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

Farm tires and tubes, fronts, rears and implements, low, low prices. Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH: 717-263-0013. Wilmington, DE 302-655-8500.

Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

Oliver 2150 131 h.p., 814-793-4293.

Nicholson Hay Tedder
Grimm Hay Tedder
NH 55 Hay Rake
NI 751 Crusher
NH 450 3 pt. mower
Mc corn binder, gr. dr.
(2) Mc corn binders, PTO
IHC 100 7' Trailer Mower
(2) #9 Mc Silage Cutters
TOM WHEARY
Lancaster, Pa.
717-687-0102

JD 250 gallon sprayer $500; Mott 5' Flail Mowers $550, NH 450 7 Sickle Mower, Case 3 bottom plow. All 3 pt. hitch. 717-687-0102 Lancaster County.

Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

Eckroth Bros. Farm Equipment

RD 2 Box 24A
New Ringgold, PA 17960
717-943-2367
7:30-5:30 Mon. - Fri. 7:30-4:00 Sat.

USED EQUIPMENT

Leyland 270 Diesel
Leyland 384 Diesel
IH 715 diesel hydro combine, 900 hours
IH 700 4 bottom plow
IH 1066 tractor w/cab
AC 5050 w/700 hrs.
Ontario grain drill
#56 Blower, nice
IH 700 seven bottom plow
IH 1460 combine

PUMPS

IRRIGATION - WASTE - MANURE - FIRE - INDUSTRIAL
New - Used
Diesel, PTO, Electric, Gasoline

SALE - USED
GORMAN-RUPP PUMP
w/gasoline industrial engine on rubber tired trailer, 500 GPM at 160 PSI - guaranteed $6000

HALE
500 gallon pump on base to mount to your engine $400

REYNOLDS ALUMINUM PIPE
Irrigation, Repairs & Gaskets for: RACE, WOSCO, WADE, IRRECO, CHAMPION, SHUR-RANE, McDOWELL, RAINBOW, A-M AND OTHERS

SPRINKLERS: Rainbird, Skinner

MURPHY SAFETY PUMP CONTROLS
Good rebuilt GORMAN-RUPP PTO pump, also used Hale, CMC, Marlow, Peerless-Electric

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EECO, INC.
4021 N. 6th St., Harrisburg, PA 17110
717-238-9423

FARM EQUIPMENT

Oliver 1855 w/cab, 814-793-4293.

TD6 IH loader w/4-in-1 drop bucket. Old antique Case farm tractor. 9 ton 3 axle tag-along trailer. 717-648-7015.

Wanted - burned or fire-damaged combines and tractors, prefer JD, will pay cash. For offer call 215-756-4341.

JD 730 diesel, elec. start, 3 pt. hitch, 814-793-4293.

Ford Tractors Equipment
SPERRY NEW HOLLAND

TRACTORS
Ford 8000
Ford 8N
Ford 445 Backhoe Loader
Ford 545 Backhoe Loader
Ford 535 Tractor/Loader/Backhoe
Ford 4500 Backhoe Loader
IH 1466
Case DC
Massey Harris 44
Satoh 650 w/loader
(2) JD B
5000 Diesel SOS
900 SOS Diesel
900 SOS Gas

EQUIPMENT
NH 258 Rake
Ford 513 Rake
IH #14 Rake
Ford 9 tooth Soil Saver
NH 1495 SP Haybine $8500
NH 516 sgl. btr. spreader
Gehl #55 Grinder-Mixer
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.
RD3 Tamaqua, PA 18252
Phone: 717-386-5945

COMBINE
(Repo)
JD 6620
Sidehill
(Used one year)
cab w/air
Hydrostatic Drive
Sharp!
$52,000
JD 643 Corn Head
$10,000
717-463-2394

TRACTORS
Case 930 Dsl, WFE
MF 175D 8 speed
MF 135G
JD 530, 3 pt.
JD 2010G
AC D17, PS
Farmall Cub w/mower
Ford 9700 Dual Power
Ford 8000 Tractor
Ford 7000 Fully Equip.
Ford 801D, PS
Ford 5000 D
Ford 4000, line PTO
Ford 3000 8 Speed
David Brown 1200
David Brown 780
Satoh 650 w/mower
Satoh Elk w/mower
NI 310 cornpicker
JD 18' wing disc
MF 33 Grain Drill
NI 206 Spreader
NI 216 Spreader
JD 1240 Corn Planter
Ford 501 Mower
Ford 532 Baler
MF 6' Rotary Cutter
NI 402 rake

TRACTORS & LOADERS
Ford 801 Dsl.
(2) 3400 3 pt.
Ford 600 Gas
860 w/Power Steering
Ford 9N
Ford L40 skid loader
Ford 801 backhoe

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

FARM EQUIPMENT

JD 4010 w/new engine, 38" rubber, front exc., 814-793-4293.

IH 1086, ROPS, twin outlets, twin shaft, new rubber, 2400 hrs., $14000/offer. IH 986, same equipment, 1500 hrs., $13300. 301-833-9091.

For Sale - (New) NH 256 roller bar rake, $1850. 717-768-3197.

For Sale - JD 7700 Combine. 301-885-2450.

JD 3020 wide front, good condition, 814-793-4293.

TRACTORS
- Case VAC
- Case 930 Tractor "CK"
- Case 430
- David Brown 990 w Loader
- Oliver 500
- Oliver 1755
- White 2 105 Tractor
- Farmall M with NI 2-Row Picker

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 22 Loader
- Int 3200 Skid Loader

TILLAGE
- Case 6-Bot. Plow, 20"
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

HARVESTING EQUIPMENT
- MF Combine
- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Gathering Unit
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 731 4 Row Head
- NI 767 Super Chopper
- NI 737 Cornhead
- NI 323 1 Row Corn picker
- NI 2-Row Cornpicker
- Int Mtd Picker, 2 Row
- IH 550 Harvester
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2 row cornhead

HAY EQUIPMENT
- NH 479 Windrower
- NH 1002 Stack Wagon
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- 3 pt. Hookup Mower
- Bale Thrower Wagon
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- IH 46 Baler
- JD 24T Baler w/thrower
- Used Running Gear w/Self Unloading Box

MISCELLANEOUS
- Ford 4 Row Corn Planter
- IH 400 Corn Planter 8 Row
- 8 Used Spreaders
- NI 218 Spreader
- NI 224 Manure Spreader, 10 ton Like

SPECIAL
• 8 USED WINDROWERS!
Hesston 1090 Windrower
2 Year Warranty Demonstrator

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

FARM EQUIPMENT

TRACTOR
(Repo)
JD 4440
SGB w/AC
Qud Range
Dual Hyd.
F&R Weights
20.8-38
Rubber
385 hrs.
mint condition
$29,800
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14' Brillion field harrow transport
New Caldwell 8' blades, special discount
John Deere #65 blower
McCurdy and Farmer Boy gravity bins in stock
3 pt. JD sickle bar mower
New 18' steel rack hay wagons
New Pequea hay tedders
New Zimmerman running gears & elevators
2 row JD corn planter
MF sickle bar mower
Hawk Bilt 207 manure spreader
Nicholson hay tedder
336 JD baler

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Located in Reistville midway between Myerstown and Schaefferstown along Rt. 501
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Ford Tractors Equipment
AVCO NEW IDEA
HESSTON

SPECIAL
New NI 323 Picker
New NI Manure Spreaders

USED EQUIPMENT
Oliver 1850 Tractor
Ford 5600 Tractor
MM U302 Tractor
Ford #101 3 x 14 Plow (Excell)
White 5100 4R Planter (Excellent)
JD 1250 6R Planter
Ford 12' Offset Disc Harrow
MM 4B Semi Mtd Plow
Noble 25' Field Cultivator
Woods C80 Rotary Cutter
Hesston 1014 Windrower
NI 402 Rake
White 8700 Combine Dsl Hydro, air
White 8600 Combine dsl hydro, air
IH 203 Combine
JD 24T Baler w/thrower
(2) JD 14T Balers
MF 120 Baler w/thrower
1068 Haybuster no till drill (demo)
Fox 728 2R Corn Head

We are Your Certified Better-Bilt Dealer

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

FARM EQUIPMENT

Oliver 1850 Diesel w/cab, like new, 814-793-4293.

NH 256 hay rake, NH 276 hay baler, IH 1150 grinder mixer, Farmall 656 with 3 pt. hitch, recent overhaul, TA, new tires, 215-386-5696.

JD model EC381 fertilizer spreader $400, 215-369-1211.

6 inch auger elevator 30 ft. long transport PTO drive; 78 Ford 1 ton truck 12 ft. bed dump grain body both like new. 301-447-2344.

MF 1143 corn head, 4 row, 30" rows, 1980 model, like new condition. 717-872-8508.

Oliver 1650 diesel, wide front, 3 pt. hitch. 814-793-4293.

Wanted - engine for Case 611B gas tractor. 201-453-2549.

For Sale - 702 diesel uni-system, combine, chopper and picker, 2&3 row heads. Also #768 3 row w/n. 2 tractor tires 23-1x34 eight ply. 304-263-9801.

For Sale - 1968 JD 4020 Diesel, wide front, good cond., $6800; 24" NH elevator with motor, extra paddles and bale turn bar, good cond., $650, 717-532-8601.

David Brown 1200 Diesel w/loader, 814-793-4293.

For Sale - Sawmill, complete Old Parker, good condition. Call Jerry Grant, 717-334-6020 Adams Co.

Mich. 75 loader, gas power, excl. cond., good tires, front & side dump bucket. Bucks Co. 215-297-8354.

Wanted - 3 row wide Fox corn head, 717-529-2538.

IH 4 row cultivator, 2 pt. hitch, $500; also Angus-Charolais cross beef cows with calves, $625 each, 215-383-5179.

For Sale - Fox harvester w/long feed table. Elam B. Stoltzfoos, 91 Hess Rd., Leola, PA 17540.

JD #25 combine, 6' power take-off, bagger attachment, good shape, $75 or best offer. 201-439-2566.

JD 4630 Diesel, dual hydraulics, 814-793-4293.

18' Aluminum dump grain body 6' sides, removable top cross-auger air lock dividers and blower $5500 or best offer, Alan Rust, Gorham Maine, 207-839-3170.

IH 806 tractor; Case 730 tractor; AC combine with corn head; IH hyd. endgate for 540 or 550 manure spreaders. PRICED TO SELL! 717-436-8165.

JD 4320 diesel, dual hydraulics, wide front, 814-793-4293.

Moving, must sell - New diesel engine, GM of England, 6 cyl., 100 HP, East York area, new cost $3790, sell for $2000. 717-757-6405.

Wanted to buy - front end loader to fit IHC 240 utility tractor. 717-687-0102.

For Sale - 925 MF haybine, 3 years old, York Co., R&M Farms, $3195, 717-741-1440.

For Sale - TD 6 parts steering clutch $200; Hydraulics blade $350, engine $250, gears $200, idlers $100, 214-445-4955.

For Sale - Corbett Sutton corn cob and feed residue saver, fits any self-propelled combine w/straw chopper drive assembly. Save cobs or feed - brand new in crate $2700. 201-859-2616.

15 KW trailer mounted PTO generator w/shaft, seldom used, asking $1200. 717-567-3281

For Sale - 1816 Case Uni-Loader, good cond., $2500 or best offer. Cumb., 717-776-7636

JD 4020 dual hydraulics, wide front, 814-793-4293.

Umberger's Of Fontana

RD4, Lebanon, PA (Fontana) 717-867-5161 or 717-867-2613
Mon.-Thurs. - 7:30-5:00; Fri. - 7:30-8:00; Sat. - 7:30-4:00

New Idea Gehl Brillion | Hesston Bush Hog Glencoe | Wic Kilbros Gilson Toro | Trustworthy Hardware! The Problem Solvers

OUR DUTCH AUCTION IS BACK!

	STARTING PRICE	DAILY REDUC. (except Sunday)	PRICE 7/18/83
USED EQUIPMENT			
IH 37 Baler w/thrower	$1353 00	$4.00	$877.00
Gehl 87 Hopper Blower	$592.00	$2.00	$354.00
IH 56 Hopper Blower	$1194.00	$3.00	$837.00
IH 55 12 tooth Chisel, Pull	$2352.00	$4.00	$1876.00
Ford 2 row 3 pt. cultivator	$390.00	$1.00	$271.00
AC 4 row 3 pt cultivator	$932 00	$3.00	$575.00
NH 770 Harvester 2 row Narrow Head, Electric Controls Pickup Head	$5951 00	$5.00	$5356.00
NH 676 Tandem Axle 285 Bu Spreader w/tailgate	$3254 00	$5.00	$2659.00
Ford 142 4x16" Automatic Reset 3 pt. Plow	$1976 00	$4.00	$1500.00
IH 449A 4 row Corn Planter	$694 00	$3.00	$337.00
Roteria 10 ft. Power Harrow 3 pt	$1995 00	$3.00	$1077.00
729A Uni Sheller	$3750 00	$5.00	$2220.00
NEW EQUIPMENT			
Bush Hog Chisel Plow 8' 8 tooth 3 pt 3 bar w/gauge wheels	$1992 00	$5.00	$1397.00

Used Equipment

NH 782 Harvester w/2RN or 2RW C H and Hay Pickup Hd, nice cond
NH Sickle Bar Mower
IH 686 Tractor, 825 hrs. mint cond
Gehl CB 600 Harvester w/2 row head, new style
NH 717 Harvester w/2 Row Corn Head
NI 717 Combine w/713S Head
NI 701 Uni w/cab
Elec Wheel 8 ton 5026 Running Gear
Brillion 10 shank 3 pt Chisel Plow w/Mid West Rake
AC A 12' Combine (Will Sacrifice)
JD 3 pt 2B Plow
JD Hay Flutter
JD #66 Blower
Kaston Unloading Wagon, new paint
Oliver model 5 1 row cornpicker
Oliver model 83 2 RW cornpicker

New Equipment

Hesston 4600 Bee Line Baler
Hesston 1091 Windrowers
Tye 10' No-Till Drill Available for Rent
NI #565 Bale Thrower
Gehl #4600 Skid Loader (Demo)
Kilbros #350 & 375 Gravity Bins
Bush Hog #206R 6' rotary chopper
Bush Hog #207R 7' rotary chopper
NI #245 Manure Spreaders
Little Giant #21 34' and 38' Elevators
Glenco 9 Shank Stretch Soil Saver
Schuld Bushnell 4 7 ton Feed Bin
801 Uni w/power assist, 818 Combine and 813S 13' Grain Platform

FARM EQUIPMENT

MF Massey Ferguson

USED EQUIPMENT

MF 510 Diesel Combine w/MF 44 Cornhead
MF 750 Diesel Combine
MF 33 Drill, Like New
NI 214 Spreader
NH 280 Baler
NH 65 Baler
MF 12 Baler
MF 440 Cultivator
JD FB Drill
JD 6600 Diesel Combine w/Grainhead & 6 Row Cornhead
Ford 9N Tractor
Used Riding Mowers

USED COMBINE SPECIAL!
★ MF 750
★ JD 6600
Eligible For 8.9% Financing for 36 Months...
or
Waiver of Finance Charges Until May 1, 1984...
or
$500 Parts Certificate!
Offer Good Till July 29th

NEW EQUIPMENT

MF 205 Tractor
MF 210-4 Tractor
MF 245 Tractor
MF 250 Tractor
MF 290 Tractor
MF 698 Tractor
MF 224 Baler
MF 228 Baler
NI 323 Picker
NI 406 Rake
NI 660 For. Harv.
NI 177 Elevator
NI Manure Spreaders
Snapper Mowers

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If you have a problem in tractors, all brands, concerning stiff hydraulic, differential, hydrostatic or wet brake system slipping, we can solve it on your farm.
Also very good on automatic transmission slipping or sticking reverse

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Will travel any distance.

F & S Service
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USED TRACTORS
* IH 574 Diesel
* Ford 3600 Diesel, 1100 hrs.
* AC 190 XT Dsl.

USED HAY AND FORAGE EQUIPMENT
* NH 1890 Self-Prop. Cab, A/C, Cat. eng., 3RN & 7' P.U.
* JD 336 Baler w/Kicker

USED TILLAGE
* JD 7000 12 Roll Front Folding Planter
* JD 400 Rotary Hoe 20'

USED COMBINES
* JD 7700 Hydro Rotary Screen
* JD 16' Rigid Platform
* JD 220 Flex Platform, like new

MISCELLANEOUS
* JD 709 3 pt. Mower 7'
* JD 27 Flail Shredder
* 16.9x28 Duals
* G.E. Electrack Mower
* JD 212 12 h.p. Mower
* JD 214 14 h.p. Mower

We Cater To ALL Farmers, BIG or Small

Cooper Ent., Inc.
Box 12 Cecilton, Md. 21913
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Authorized Dealer
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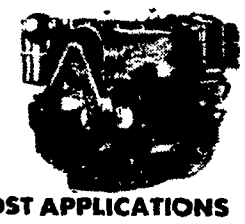
AVCO VM Diesel



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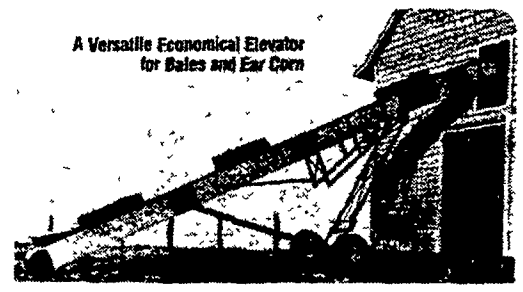

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28 Ft. ..... $1270 32 Ft. $1345
Also available every 4 ft.
36 to 48 ft.

USED TRACTORS
* AC 220 w/cab
* (2) Case 930 Standards
* IH 560 Diesel
* Case 1030 Standard
* Allis Chalmers XT 190

SALES & SERVICE
MILLER'S REPAIR
1 Mile North of Bird-in-Hand
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Halifax, PA 17032
717-896-3414

Ford New Holland Dealer

FORD TRACTORS
New TW 20 w/cab, 4wd, air
New 7700 w/cab, air
New 6600

SPERRY NEW HOLLAND

NEW HOLLAND
New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
New NH harvesters - 707, 718, 782
New NH 892 w/metal detector
New L35 gas, L325, L555 diesel, skid loaders
New 353, 358 Grinder-Mixers
Used 516 Sgl. Btr. Manure Spreader

AVCO NEW IDEA

NEW IDEA
NI 406 rake
NI 323 one row corn pickers
NI 213 & 244 Manure Spreaders
NI 3 pt. Hitch Fertz. Spreaders

New Glencoe 12'9" Finishing Harrow
Used JD 340 Disc Harrow

GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049 215-965-5203

Call John Bolton or Gunther

QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS

JD 4320 Diesel w/cab, very nice
JD 3020 Gas, Power Shift, WF
JD 2840 SOLD 0 hrs., Very Nice
JD 730 Gas
IH 1086D Cab and Air, 1500 hrs., 20x38 Tires, Very Nice
IH 1566 Dsl. Cab & Air, 20x38 Tires, very nice
IH 1466 Dsl. w/Cab and Air
IH 1066 Dsl., Cab, Air, Black Stripe, Very Nice
IH 1066 Dsl. Red Cab and Air
IH 766 Diesel, WF, very nice
IH 826 Dsl. w/cab

CORN HEADS

MF 24, 33, 43, 44
AC KF330, KF238, A330, F335
JD 243, 244, 343, 443, 444, 643
IHC 843, 863, 227

BALERS

Hesston 5400 Round Baler
JD 336 Wire w/thrower
NH 851 Round Baler w/auto wrap, like new

HARVESTERS

JD 3800 w/2RN Head
Gehl 1000 w/2RN Head & Pickup w/Electric Controls
NH 770 w/2R Head & Wide Pickup

BALE WIRE
(6500)
$36.50 per carton
$35.00 18 cartons or more

BALER TWINE
9,000 Ft.
$21.00 per bale

GRINDER-MIXERS

JD 700 540 PTO very good
NH 357 w/long unloading auger

DISCS

JD BWF 16' wing Rock- Flex
JD BWA 11'6"

CORN PICKERS

JD 300 Husker, 2 or 3 row head, wide or narrow
NI 325 2 row narrow w/super sheller
NI 323 1 row
NI 324 2 RW w/super sheller, very nice
NI sheller attch. for 2R Mtd., Like New
NH 319 2R Mtd. w/husking bed

PLOWS -AUTOMATIC

IH 720 5x18 sp. reset
IH 720 4x18 sp. reset
IH 710 6x16 Spr. Reset
IH 710 5x16 Spr. Reset
IH 710 4x16 Spr. Reset
JD 2500 5x18 on Land Hitch
JD 2500 5x18 Sp. Reset

COMBINES

1980 NH TR70 cab and air, hydro 3208 cat dsl. 700 hrs., like new w/15' Flex Grain Platform
1979 Gleaner KII w/Cab, 900 hrs., like new
Gleaner E III w/cab, 13' grain table, very nice
1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1978 JD 4400 Dsl., Cab and Air, choice of heads
1976 JD 6600 Diesel, side hill, cab & air, choice of heads
1973 JD 4400 Gas, Cab and Air, Choice of heads
JD 3300 Gas w/cab, choice of heads, very nice
MF 510 Dsl. SOLD Cab, Very Good, Choice of Heads
1978 MF 510D cab & air, very nice, choice of heads
NH 975 w/cab, 13' grain table, very good
IH 203 Combine, 11' Platform, Ex. Cond.
MF 410 Gas, Cab and Air, 11' grain table
JD 45 w/cab 10' platform and pickup reel
MF 300 Gas w/ SOLD Grain Table
IH 80 & 82 Pull Type Combines

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

MISCELLANEOUS EQUIPMENT

JD 1209 Mower Cond., very nice, late mode SOLD
JD Sickle Bar Head for 30, 38, 3800 Harvesters
Ford 6' Flail Mower
IH 4R Cultivator, R SOLD ltd.
(2)(1) JD RM 6 Row Cultivators
Brillion 10' Transport Alfalfa Seeder w/Double Seed Box
Glenco 7 tooth soil saver
JD 213 Flex Platform
JD RG 4R cultivator w/double spring teeth
Bush Hog 8' Heavy Duty 3 pt. Blade
JD Roll Guard Cab to fit 3010 thru 4320
4 Row Stalk Shredder

1982 6620 SIDEHILL
IN STOCK

LOST CREEK IMPLEMENT

Oakland Mills, PA 17076
717-463-3511 463-2161

GREEN VALUE USED EQUIPMENT

TRACTORS

JD 2640, 608 hrs., sharp
JD 2440 tractor, sharp
JD MT tractor $1,200
JD 730 diesel, electric start, $3500
IH 460 tractor, 3 pt. hitch, $3500

PLOWS

JD F350, 4 bottom 16"
JD F145, 4 bottom 16"
JD 145 plow, 5 bottom 16"

DISCS & HARROWS

JD 12' drag harrow
JD KBA transport disc 10'
JD drag disc 8' $395
IH 10' disc, transport disc $1,000
AC drag disc $295

PLANTERS

JD 1440 no-till w/monitor, dry fertilizer & insecticide $2,495

HAY & FORAGE

NH #8 forage box w/new running gear
NI forage blower $995
JD 24T baler w/30 ejector
Case 230 baler
JD 1 row snapper head
Grimm hay tedder

COMBINES

JD 55 w/12' platform $2000

MISCELLANEOUS

350 Kill Brothers gravity box
JD 145 loader
JD manure forks
MF 160 spreader w/hydraulic endgate
5' MF rotary cutter

New Wooden Hay Racks
Zimmerman Elevators
Pequea Hay Tedders
and Killbros
Gravity Bins
Now In Stock

JD 4420 Combine
w/500 Hours

Waiver of Tractors &
New & Used Combines
Till May 1, 1984

USED EQUIPMENT

TRACTORS

JD 4240 w/cab, 400 hours	$27,500
JD 4040 power shift	$19,000
JD 3020G PS	$5900
JD A	$1200
IH 1086 w/cab 1180 hrs.	$18,500
MF 1085 Dsl.	$8900
MF 1080 Diesel	$5900

SPECIAL PRICES ON COMBINES

1982 JD 6620 Side Hill w/2 heads	$75,000
1977 MF 750, 1700 hrs. 2 heads	$29,500
1978 JD 6600 Sidehill	$43,750
1979 JD 6620 Sidehill	$59,900
1980 MF 760 338 hrs. w/2 heads	$55,000
JD 45 w/2 heads	$8900

TILLAGE

JD 1450 5x16 Plow	$2900
JD 145 5x16 Plow	$1550
JD 950 12' Roller Harrow	$2700

PLANTERS

JD 6 Row 7000 Conserv. w/Liquid Fert.	$8000
JD 6 Row 7000 Consev. Dry Fert.	$7500
JD 4 Row 7000 Dry Fert.	$5900
White 5400 4 Row	$3600
MF 468 4 Row	$950
MF 468 6 Row	$1850

MISCELLANEOUS

JD 750 Grinder Mixer	$4100

BLUE

NEW JOHN BLUE L-13040 500 Gallon Ground Driven PUMP SPRAYER SPECIAL
$5,995.00

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

★ ★ SPECIALS ★ ★

TRACTORS
PLOWS
RAKES
FORAGE
WAGONS
BALERS
DISC MOWERS

S.G. LEWIS AND SON, INC.

RD #2, Box 66, West Grove, Pa.
215-869-2214
All Hay Equipment Free Finance until 6/1/83

OTHER SPECIALS

FORAGE

SNH #718 Forage Harvester w/#822 corn head	$8,000
SNH #25 Blower	$1,600
SNH #8 Crop Carrier w/roof & 238 wagon	$7,100

HAY

SNH #451 Mower w/7' Cutter Bar	$1,860

5 Bales Twine with Any Used Baler Purchased In July

SPREADERS

SNH #301 Liquid Spreader, 540 Drive w/soil ejector & coulters	$8,500

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service. This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

215-869-2214 or 215-869-9440

FARM EQUIPMENT

JD 3 bottom disc plow, IH 58N 8' disc, IH 153 four row cultivator, 165 gallon 8 row weed sprayer, 40'x6" Snowco grain auger w/extra tubing and auger parts, Dellinger hammermill model H, 300 gallon elevated fuel tank, 275 gallon fuel tank, belt driven rotary saw, assorted rolls of heavy galvanized wire fence and many misc. farm parts. 215-666-5410 after 6 PM.

2155 Hawk Bilt flail tank spreader, like new, $2700. 717-776-6203.

JD 720 diesel, wfe, 3 pt. 814-793-4293.

Knight model 500 spreader, in excellent cond., 717-872-9152 daytime, 872-2579 evenings and weekends.

COMBINES - Oliver 545 w/4 row CH and 12' grain head, 2 Oliver 5542 w/12' grain heads, all in running condition. State College. 7 AM-6 PM 814-238-0133. After 6 PM 814-237-1464.

JD 3010 diesel. 814-793-4293.

FARM EQUIPMENT

Wanted - Caterpillar blade and hydraulic setup for 7UD4. 814-793-4293.

For Sale - 1980 AC gleaner, L2 corn plus, 400 hrs. on separator, 6 row narrow corn and 15' grain head, excell. cond., covered storage, $59,000, Warren Co., 201-753-5313.

Oliver 1800 diesel, wfe, exc. cond. 814-793-4293.

Crawler Tractor Parts.
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
Call or write for equipment & parts brochure.
VILSMEIER EQUIPMENT INC.
Route 309
Montgomeryville, PA., 18936
Phone: 215-699-3533

JOHN DEERE **Nothing runs like a Deere**

SPECIALS OF THE WEEK
New NH 851 ROUND BALER with $1000 REBATE

DEMO
HAYBUSTER DRILL $5500

USED TRACTORS
JD 4430 4 Post, RG, QR
JD 4230 QR, RG
JD 4010
JD 3010
JD 720D
Farmall A w/Hyd. Lift

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 7000 6RN Cons.
JD 7000 6RN w/min. till attach.
White 5400 6RN Plateless

USED HAY & FORAGE EQUIPMENT
Hesston Self Prop. 6450 Haybine
Hesston PT10 Mower-conditioner
Fox 220 Fg. Harv. w/2 heads
NH 3RN Corn Head
NH 1002 Bale Wagon
JD 336 Baler w/thrower
NH 271 & 269 Balers w/Throwers
JD 24T Baler
Hesston 1010 Swing Tongue
NH #33 Crop Chopper
NH 27 Blower

MISCELLANEOUS
Oliver Fertilizer Spreader
15 HP 3 phase elec. Grain Dryer Motor
15 KW Standby Generator
MF Grain Drill

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
Demco Sprayer 600 gal.

NEW TRACTORS
JD 4250 SG, PS, MFWD
JD 4050 SG, PS
JD 2950 SG, MFWD
JD 2950, SG
JD 2950, MFWD
JD 300B Loader & Backhoe

NEW HAY & FORAGE EQUIPMENT
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvesters
JD 506 Gyamor Mower
JD 347 Baler
JD 327 Baler
NH 311 & 316 Balers
NH 851 Round Baler
NH 488, 489, 495 & 1495 Haybines
NH 256 Rake
JD 670 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
New Hay Tedders

NEW PLANTERS
JD 7000 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
JD 215 Dura-Cushion Disc Harrow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
NH 445, 555

NEW SPREADERS
NH 519
Martin 2400 V Type & F1466 Scavengers
H&S 260 & 295 Spreaders

NEW DRILLS
JD 8200 18x7
JD 8250 14x7

NH Waiver of finance or 3%, 6% and 9% finance.

Check on John Deere waiver of finance on most items.

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND

NEW EQUIPMENT

WHITE -
2-55 tractor
2-85 tractor
2-75 tractor
508 5 Bot. SAR Plow
598 6 Bot. SAR Plow
435 Conservation Chisel Plow
5100 4-Row Planter, Dry Fert.
5100 6-Row Planter, Dry Fert.

GEHL -
CB 1000 For. Harv. w/2-Row Corn Attach. & Hay Attach.
WR 204 Finger Wheel Rake, 3pt. Hitch
BU 960 For. Box, 18 Ft., Steel Sides
BU 960 For. Box, 16 Ft., Wood Sides

NEW IDEA -
No. 213 Spreader
No. 245 Spreader
325 Cornpicker w/327 Husking Unit
507 Mower Cond.
509 Mower Cond.

KUHN -
17' Gyrotedder

USED EQUIPMENT
New Idea 213 Spreader 3 Beater
New Idea 218 Spreader
FB 88 Gehl blower
Oliver 252 Disk Harrow 11'6
Gehl 95 Grinder Mixer
5400 4-Row Planter, Dry Fert.

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

JOHN DEERE

USED EQUIPMENT
MF 1155 Tractor
JD 216 W Baler
INT. 475 DISC
JD-BW DISC
JD 4020 Tractor w/cab
MOTT MOWER - 48 In.
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
Oliver 5x16 Plow
JD 1250, 4 btm. plow
1-JD AW disk harrow, 14'
JD 346 Baler w/thrower

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 347 W Baler
JD 7100 8-row 20" bean planter
JD 950 - 12 Ft. Roller Harrow
JD 7000 - 4 Row & 6 Row Conservation Planter
JD 45 Blade - 8 Ft.
JD 45 Blade - 7 Ft.
2 - JD 506 Gyramor
2 - JD 606 Gyramor
JD 660 Rake
3 Row, Row Crop Head - 30"

OTHER LINES NEW EQUIPMENT
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
Ceco Farm Buildings

COVERT & SONS, INC.
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
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FARM EQUIPMENT

IH 990 9' haybine
IH 990 7' haybine
IH 300 8' blade, $250
JD FBB 10' grain drill, $550
NH 270 baler w/thrower, $1100
NH 770 harvester w/770N 2 corn hd. w/6' p-up hd.
NH 268 baler w/super sweep p-up & thrower $1250
JD 1209 9' haybine $1800
NH 275 baler, $1300
NH 26 blower, $600
NH #8 3 beater w/roof & high flotation tires, nice $2650
JD 110 disc harrow, 12', $1295
NH 890 harvester, pwr. sharpener, pick-up head, 2 R narrow corn head $3750
MF 510 diesel, cab, quick tach w/grain head, $4900
16' bale thrower wagon, 6 ton gear, $925

Horning's Farm Machinery
Ephrata, PA
717-733-7408

USED EQUIPMENT
Loader for AC 160
Grove Self Unloading Wagon, 3 btr. & roof
NI 10 Ton Spreader
Ford #535 Mower Cond.
NH 358 Grinder Mixer w/scales like new
IH 1150 Grinder Mixer w/scales like new
(2) New Armstrong 6 ply tires, mtd. on wheels & rims to fit D17's & 175 tractors

USED TRACTORS
AC 7060, low hrs.
AC 180
AC D17 Diesel
Case 2290, like new
MF 1085
Used Lawn & Garden Tractors w/mowers

SPECIAL PRICE
on new
AC 4 Row Cultivators
(only 2 Left)

NEW
AC 5050 Low-Profile Tractor
1 only
Special Price
$10,995

NEW EQUIPMENT AT USED PRICES
Many Models New Holland Spreaders

NEW EQUIPMENT
Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaener Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

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or Bob Gantz Sales
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NEW TRACTORS

JD 2950 MFHH
JD 4240
JD 4050
JD 4250
JD 4450
JD 2440
JD 4240 QR, SG Body **$35,000**
(2) JD 125 Skid Steer Loader, Dsl. 14 cu. ft. bucket 65" **$15,000 ea. No Trade**
JD 6620 Side Hill Combine

NEW MACHINERY

JD 445 Spreaders
JD 115 11' Disc
JD 315 13' Disc
JD 1326 Mower Conditioner
JD 660 Rakes w/rubber teeth
JD 3940 Fg Harvester
JD 714 & 716 Forage Wagons Running Gears
JD 2600 5Bx18" Plow
JD 1250 Plow 3Bx16" **$1800 N/T**
JD 1250 Plow 4Bx16" **$2450.95**
JD 2700 6Bx18" Plow
JD 7000 Conservation Corn Planters 6R
JD 16x10 FF Drill **$4000**
JD 8300 18x7 FF Drill
JD 327 Baler w/ejector

USED MACHINERY

1-IHC 830 Fg. Harv. 1981 model, PU & 3 R.C. H **$11,000**
JD 6600 Combine, 13' grain head, 444 corn head **$29,000**
1981 White Combine 7300 w/704N 4 Row Corn Head **$25,000**
JD 400 Tractor Model 1981 w/60 mower **$4,800**
2-105 White Tractor **$14,500**
MF 175D Tractor w/loader **$7,500**
JD 90 Skid Steer Loader **$7,500**
(2) Gehl Wagons, Tandem Axle w/440 bu. McCurdy btm. **$2,500 each**

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JD Agricultural Dealer and CP

SPECIAL OF THE MONTH
JD 450 Hydro Push Spreader w/ Upper Beater &Hydraulic Endgate

NEW TRACTORS

JD 650
JD 750 MFWD
JD 1050 MFWD
JD 1250 MFWD
JD 2350
JD 2950 SGB, MFWD
JD 4250 SGB, PS

NEW MACHINERY

JD 1250 Plow 3-16"
JD 1250 Plow 4-18"
JD 2600 Plow 5-18"
JD 950 12 ft. Roller Harrow
JD 7000 Cons. Planters 4 & 6 rows
JD 1209 Mower Conditioner
JD 1326 Mower Conditioner
JD 327 Baler w/30 Ejector
JD 714A Forage Wagon
JD 66 Blower
JD 445 Spreader
JD 450 Hydro-push Spreader
JD 670 Rake

USED MACHINERY

IH Model B414 Diesel Tractor w/Kelly Loader
Case 1537 Skidsteer Loader
IH 13x7 disc grain drill w/grass seed attachment
MF 260 Harvester w/2RN p-up
Hesston 1090 9' Haybine
IH 2 R Planter
12" Post Hole Digger
8' Servis Rear Blade
NH Super 23 Forage Blower
NH 479 Haybine
JD 7000 Max Emerge Planter, 4 Row

Miller-Lake, Inc.
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Belleville, PA 17004
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OUR NEW SALESMAN,

CARL SULTZBAUGH,

HAS OUTSTANDING ROUND BALER.

HAS OUTSTANDING PRICE.
WILL DEMONSTRATE.
IH 2400 round baler
$9,550

C & W Bargain Corral New Tractors & Machines

884 diesel row crop, 18.4x30 rear tires, 73 HP	$19,900
584 diesel row crop, 16.9x30 rear tires, 52 HP	13,700
1190 mower conditioner, 9' cut, flotation tires	6,750
56 blower	2,550
5100 18x7 grain drill, double disc, fertilizer, grass seed	5,150
881 harvester w/2 row corn head and hay pickup	16,700
560 manure spreader, hydraulic endgate	5,575
720 5-18 auto. reset plow	7,575
720 4-18 auto. reset plow	6,650
730 adj. width plow, 4 furrow trip	5,200
730 adj. width plow, 4 furrow, auto. reset	6,275
4500 16' vibra shank field cultivator	2,850
475 disc harrow, 11'6" cut, 20" H.D. disks	4,275

WANTED: DEAD OR ALIVE
MOWER CONDITIONER BUYER
One Only 1190 9' Cut Mower Conditioner, Flotation Tires
$6,450

END OF SEASON SPECIAL
New 300 gallon Cagle trailer sprayer with mix and fill tank, direct drive pump
$2,750

LOCAL GROWN USED TRACTORS & EQUIPMENT

1066 cab, 1 owner, excellent	$16,500
240 Farmall, new paint, good rubber	$2,500
Massey 255 diesel w/Dunham quick tach loader, used 1150 hrs	13,000
JD 2030 D w/loader 75 model	9,850
IH 886 cab & air	18,750
JD 2010 row crop	2,700
1066 Black stripe, cab, exc cond — 3200 skid steer loader	17,500
JD 430 wide front	2,500
Farmall 686 D, one owner, 1609 hrs	$13,500
IH 37 baler w/thrower	1,650
IH 47 baler w thrower	1,850
IH 430 baler w/thrower	2,750
IH 37 baler	1,500
Papec blower	$650
IH 56 blower	1,800
IH 830 harvester w/2 R corn head	6,500
IH #93 combine	3,000
500 gallon Walsh sprayer	1,200
NH 880 harvester	3,700
D.R. Ellis 2 row transplanter	
Gleaner M 1974 model combine, diesel engine, cab, 13' platform with pickup reel & 4 row corn head, one owner	18,500
IH 400 four row planter no-till	2,850
IH #56 four row double disc planter	1,850
IH 400 6 row planter, no-till	3,750
Athens model 131 13' HD disk harrow equipped with Buster Bar and 4" cylinder	5,650
JD 4-16 3 pt hitch plow	2,950
IH 700 5-16 auto reset plow	1,350
IH 2000 loader	1,350
IH #16 rake, one owner	1,350
IH #35 rake, 3 years old	1,875
IH 990 9' mower conditioner	
JD 3-16 trip beam trailer plow exc	
Used lawn & garden tractors	900 and up

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Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS.

WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

For Sale

Detroit Diesel Engines
8V71 Detroit 318 HP Rebuilt
671 Power unit, 180 HP, Ready to go
671 Rebuilt long block
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371 Power Unit, 90 HP, in good condition

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Electronic Scales
Sales and Service
Retrofit existing feed wagons, grinders-mixers

AGTRON Agricultural Electronics
Interstate Industrial Plaza
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FARM EQUIPMENT

542 Oliver Combine, 13', S.P.
717-626-8257

For Sale
NI #325 two row narrow pull-type very good condition
717-665-5251

FARM EQUIPMENT

FARM EQUIPMENT

NEW EQUIPMENT

TRACTORS
JD SOLD
JD SOLD
JD 4040 w/RG & QR
JD 4440 w/SG & QR

TILLAGE EQUIPMENT
JD 235 19' 11" Disc
JD RM4 Cultivator
JD 1250 3B Plow
JD 1010 Field Cultivator
JD 1610 Chisel Plow
JD 415 Rotary Hoe
Glenco SSP 7B Soil Saver

OTHER EQUIPMENT
JD 158 Loader
JD 1065, 1075 Wagons
JD 78 Blade
JD 40 & 450 Spreaders
NH 679, 795 Spreader
NH 230 Wagon
Century 500 Gal. Sprayer
Hub 36' Elevator
DeLaval Manure Pump
NH 8 Crop Carrier

COMBINES & HEADS
JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine

HAY TOOLS
NH 489 Haybine
Thrower for 320
JD 327, 337 Balers
JD 660 Rake
JD 3940 Harvester
NH 847 Round Baler
NH 38 Crop Chopper
NH 311 & 316 Balers
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester

PLANTING EQUIP.
JD 7000 Cons. Plt.rs. 4R & 6RN
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
JD 2040 Tractor
Ford 1300 w/front blade
NH 791 Manure Spreader
NH 320 Wire Baler w/hydraformatic & quarter turn chute
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
JD 7000 6R Planter w/Dry Fert.
NH 770 Fg. Harv.
Fox 3000 Fg. Harv.
Fox Custom 90 Fg. Harv.

SPECIAL OFFERING
Used Schwartz #860 mixer feeder with electronic scale, good condition.

NCR Billing Machine w/Software

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Quonset Buildings

JOHN DEERE

NEW EQUIPMENT

JD 950 Tractor
JD 1050 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1207, 1209 Mower Conditioners
Hesston 1014 Hyd. Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT

AC C & WC Tractors
Farmall MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Farmall Cub w/outfit
Cub Frt. Mtd. Blade
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
NH 6' Cutter
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel
Myers Snowblade
Valk ST80 Snowblade

USED COMBINES

JD 95 w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 w/platform
Plus other new and used equipment

Call For Details.
MILLER'S SALES & SERVICE INC.
West Penna. Ave.
on Highway 851
Stewartstown, Pa.
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or 993-2732

NEW TRACTORS

A.C. 6060
A.C. 6080 (Demo)
A.C. 7060 P.S. w/Cab & Air

USED TRACTORS

H Farmall
A.C. 7020 P.S. w/Cab & Air
MTA Farmall w/Hyd. & Live PTO

NEW-NEW HOLLAND HAY EQUIPMENT (IN STOCK)

489 Haybines
488 Haybine
495 Haybine
311 Baler w/#75 Thrower
316 Baler w/#75 Thrower
320 Baler w/#70 Thrower
847 w/Auto Wrap Round Baler
256 & 258 Rola-Bar Rakes
Dual Rake Hitch
#132 Bale Carrier
(2-1003 Auto Bale Wagons)

NEW-NEW IDEA HAY EQUIPMENT

509-9ft. Mower Conditioner
565 Baler w/Thrower
484 Round Balers
404 Wheel Rakes
406 9½ft. Bar Rake
621 Forage Blower

NEW UNI EQUIPMENT IN STOCK

2-802 Uni Tractors Fully Wgted
868 Forage Harvester
767 Forage Harvester
768 w/N 3 Row Chopper Head
838 (16 Roll) Husker
841 Feeder House
844 N 4-Row Stripper Head

Just Arrived-New 866 Pick-ups

USED UNI EQUIPMENT

706 Uni Tractor w/Cab
2-702 G Uni Tractor w/Cab
702 G Uni Tractor w/Cab
702 D Uni Tractor w/Cab
767 Forage Harvester
2-717 Combines
2-713 S Grain Head
1-713 Grain Head
1-711 Grain Head
1-770 Ear Corn Apt.
766 Pick-up Att.
766 Pickup Att. w/Gauged Wheels

NEW SKID-STEER LOADER

NH L 445 (Diesel)
NH L 555 (Diesel)

USED SKID-STEER LOADER

L 325 Loader w/Mat. Bucket
8 C Hydra-Mac w/Mat. & Man. Buckets

NEW MANURE SPREADERS

NH 519 Box Spreader
NH 679 Box Spreader
NH 791 Box Spreader
NH 663 Tank Spreader
NH 668 Tank Spreader
NI 213 Box Spreader
NI 245 Box Spreader
NI 214 Box Spreader
NI 384 Solid-Plus Spreader
(Good Selection of Used Spreaders)

New-New Holland 358 Grinder Mixer
$8,595.00

MISC.

Used 35 SOLD der Mixer
New-AC 2000 Semi-Mount 5 Bottom Plow
Used Oliver 565-5 Bottom Plow

USED HAY EQUIPMENT

NH 315 Baler w/Thrower
IH #37 Baler w/Thrower
NH 489 Haybine
IH 990 Haybine
JD 1209 Haybine
Hesston Pt-10 Haybine
1 NH 1495 (Planetary Drive)
NH 1469 Haybine (Coming in)
Owatanna S.P. Haybine
Vicon Wheel Rake-(5-Wheel Mounted)
NH 258 Rake
Used NI 402 Rake
320 NH Baler w/thrower
Hesston 5600 Round Baler

NEW FORAGE EQUIPMENT

NH 718 Harvester
NH 782 Harvester
NH 30 Forage Blower
NH 28 Forage Blowers
770-W Pick-up Heads
824 Corn Heads
#8 Forage Wagons

USED FORAGE EQUIPMENT

NH Super 23 Blower
NH 25 Blower
NI 606 (14ft) Forage Wagon
NH 36 Flail Chopper

Take Advantage Of These Company Programs...

SPERRY NEW HOLLAND

SEE US NOW FOR A "WINNER'S CHOICE" DEAL
on haytools, forage equipment, loaders, manure spreaders, grinder-mixers and tub grinders.

3% A.P.R. on a one-year installment contract.
6% A.P.R. on a two-year installment contract
9% A.P.R. on a three-year installment contract

Hurry! - Low Financing Ends July 30th

or

FREE FINANCE
until April 1, 1984 on hay and forage equipment. Until use date on spreaders, grinder-mixers and tub grinders.

AVCO® NEW IDEA

INTEREST WAIVER
on
New Equipment-until 1/1/84
or
SPECIAL FINANCE RATE
* 2.9% 1 year/monthly
* 9.9% 2 years/monthly
* 11.9% 3 years/any schedule
* 13.9% up to 3 years
*30% down payment required cash and/or trade-in
**35% down payment required cash and/or trade-in

or

RETAIL CASH REBATE

SHARTLESVILLE FARM SERVICE

RD1, Hamburg, PA
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H. Daniel Wenger, Prop

ITCO
Dealer for ITCO Corp.
• Over 9,000 items
At Discount Prices

NEW & USED EQUIPMENT SPECIALS

END OF MODEL SPECIALS ON 40-SERIES TRACTORS
- JD 2440, Hi-Lo, wts, w/16.9x30-
- JD 2640, Hi-Lo, wts, w/18.4x30-
- JD 4240, Fenders, Quad, wts, 18.4x38-

COMPANY REBATES UP TO $2100 & WAIVER!

Lowest Prices...Come With The "Green Stuff!"

SERIES "50" TRACTORS
JD 4050, Cab, PS
JD 2150
JD 2150, 4 Wh. Dr.
JD 2350
JD 2950, 4 Wh. Dr.
Series 50 Rebates $1150 to $1900!

NEW TRACTORS:
48 HP Agra Power - one only - Reduced to $5995

USED TRACTORS:
JD A Wide Front Fenders
JD 50 w/PS
JD 950 w/PS, 341 Hrs - $6995
JD 4430 w/Cab, Air, PS, Wts., etc.
JD 4520 w/Cab
JD 3030 Gas w/wts.

NEW TYE DRILL FOR SALE OR RENT

NEW BRILLION 3 PT. 5'4" LANDSCAPE SEEDER $1200

NEW COMBINES AT IN-SEASON SAVINGS!

JD 6620 SIDEHILL
Check Our Price!

Cornhead and Platform Available

USED BALERS
(2) NH 283 Twine, (16x18 Bales) less Throw-Good cond.
NH 275 w/Thrower, $2,900
NH 271 w/Thrower, $2,000

Ready To Go To Work!

GRINDER MIXER:
NH 353 Mixer-Low Price!

NEW EQUIPMENT:
NH 38 Crop Chopper - $4500

USED EQUIPMENT:
JD No. 21 Hay Cond. - $275
JD 215 15' Rigid Grain Table, Used 1 Season - $6500
JD 205 2-Row Corn Head - $650
Woods #80 3 Pt. Rotary Cutter - $895

TRY NH LOW INTEREST FINANCING!
Full Line of NH MANURE SPREADERS IN STOCK!

Special Price On New JD 300B Industrial Wheel Tractor w/Loader!
• Available w/JD 9250A Backhoe

★ Less Large Co. Bonuses On New JD Equipment!

JOHN DEERE
John Deere Lawn & Garden & Snowmobiles
Many Short Lines Of Machinery

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New Holland Machinery
Wheel Horse Lawn Equipment

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Serving Our Customers Since 1945
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State Highway Rt. 143
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FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

DEUTZ

USED TRACTORS & EQUIPT. IN STOCK

Used Deutz D10006, 105 h p, $11,000

Used D5506, 57 h p $6,800

Myers Sprayer, 200 gal. PTO drive $800

Deutz Fahr Baler, high capacity machine 14" x 18" Chamber, 65" pickup $2900

Used Hay Tedder, Vicon, 10'

MF 128 T baler/thrower, wide pick-up, shur-tie knotter, $3700

John Deere 480 mower conditioner, $1250

Kuhn 17' hay tedder, $1100

NEW TRACTORS & EQUIPT. IN STOCK

D5207 Deutz tractor, 52 h p

D6207 Deutz tractor, 62 h p

D6807 Deutz Tractor, 68 h p

D7807 Deutz tractor, 74 h p

DX 120 Deutz tractor, 111 h p, w/4 post safety frame

Leon 636 heavy duty front end loader, fits Deutz tractors

Deutz-Fahr KH500 17' Hay Tedder

Deutz-Fahr KH300 9 8' Hay Tedder

Deutz-Fahr KS85 Hay Rake

Custom-built diesel Gen-Sets made to order

New & Used Deutz diesel engines at special prices Call for details

New Deutz F2L-912 diesel engines 20-32 H P electric start.

Stauffer Diesel Inc.
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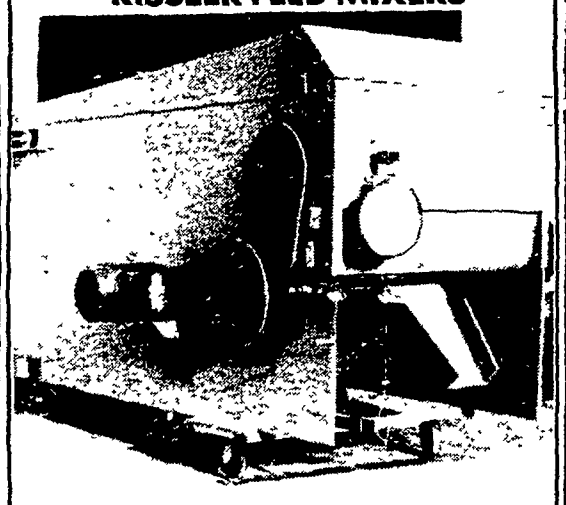
New Holland, PA
PHONE 717-354-4181

RISSLER FEED MIXERS



More and more farmers are finding that mixed rations are producing healthier and better livestock, plus better feed efficiency. Veterinarians, nutritionists consultants and feed analyst are recommending (TMR) feeding systems. Perhaps you can also increase profits by turning to this system.

This **UNIQUE** design was developed so farmers can have more for less. A 15,000 lb. pintle web with 2" high paddles will tumble feed from end to end. An auger with left and right flighting will bring feed to center and keep the pile crowned. This auger will mix the feed from side to side at the rate of 1200 lbs. of feed per minute and will unload when drop out is opened. Convenient crank allows flow from 0 to 1500 lbs. a minute whatever desired.

Box is coated with urethane on inside with glass like finish that is abrasion resistant. All stress points are lined with ¼" and 5/16" heavy steel. Heavy duty bearings can be relubricated and easily accessible. Takes less HP than conventional mixers.

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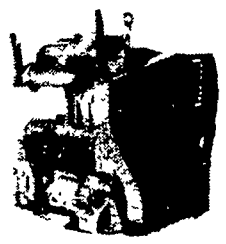
- Compressors
- Generators
- Farm & Construction equipment



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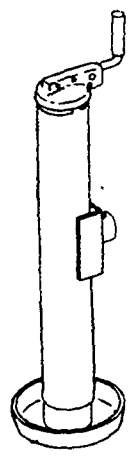
PARTSMART

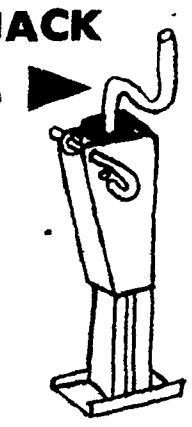
HITCH JACKS



TALL JACK $10.00

REG. JACK $15.00

BALER JACK $9.95



HANDYMAN JACK SALE $38.65

USED EQUIPMENT

TRACTORS

TAG#	DESCRIPTION
W7302	IH 1486D w/Duals, Cab, A/C
W7678	IH F1466D w/Cab 20.8x38
W7372	IH 1466 w/Cab 20.8x38F 3824 Hrs.
W7379	IH 1456 w/Cab 3 Sets IH Rear Wts.
W7951	IH F1086D Frt. Wts., Radio
W7864	IH F1066D, No TA, No Cab, 18.4x38
W8040	IH F966D w/Cab, 18.4x38, Rear Wts.
W7835	IH 500G Crawler Loader w/5' Bucket
W7870	Farmall H w/Pulley
W7928	LeRoi Centour AG 49 w/3 Pt
W7821	IH 4120 Skid Loader w/35" Utl Bkt (new)
W8082	Deutz 100-06 w/cab
W8307	IH F1456D, No Cab w/Duals
W8229	IH F966D, No Cab
W8165	IH 584D, 480 Hrs.
W8045	IH 454G
W7183	Steiger, ST251 w/20.8x34 Duals
W8379	IH 4166
W8249	JD 3020 D w/Power Shift
W8424	JD 2020 G
W8546	AC WD

PLANTERS & DRILLS

TAG#	DESCRIPTION
V3288	IH 400 Planter 8R Cyclo
V6654	IH 400 Cyclo 4R Planter
V7720	AC 600 6R Planter No-Till, Gran Fert.
V7567	IH 510 21x7 Comb. Drill w/Double Disk Opener
	15' Tye No Till Drill w/Grass Seeder
V8358	IH 400 Cyclo 4R Planter

TILLAGE

TAG#	DESCRIPTION
T8102	Krause 2442 Disk
T8204	Kause 2413 Disk
T7049	Krause 2413 Disk w/3 Bar Tine Harrow
T5440	Deere KB Disk
T8034	Deere 110 Disk 10'
T7662	Miller 10' Disk Hyd. Leveling
T7751	Miller 12' Disk
T7413	Oliver 252 10½' Disk
T5584	Sunflower 29 Disk
T6033	A/C 3300 24' Disk
T7688	Ford 4F 16" 3 Pt. Plow
T7562	IH 800 10F 18" Plow Trailing
T7892	IH 710 6F 18" Semi-Mtd. Auto Plow
T7945	IH 710 4F 16" Auto Plow w/Coulters
T6470	IH 540 4F Plow
T8187	Tebban 13 Shank Sub Soiler
T8101	Dunham-Lehr 36' Packer
T8273	Deere H1000, 10' Disk
T8292	IH 350 9' Disk
T8166	Deere BW 10' Disk
T8363	IH 550 5F 16" Plow
T8366	IH 510 5F 16" Plow
T8412	Krause 1112, 16' Disk
T8439	JD TO 220, 17' Disk

MISCELLANEOUS

DESCRIPTION	
Moridge Portable Grain Dryer	
V8371	Allied 265 Grinder-Mixer
U8418	NI 279 Cut/ditioner
U7321	Brady 1680 Flail Chopper
U7878	Hesston SM30 Stak Mover

COMBINES

TAG#	DESCRIPTION
U8457	IH 715 G Hydro
U7963	IH 1480
U8421	IH 1460
U8172	IH 1460
U7935	IH 1460, w/6700 Tires
U7961	IH 915D
U7138	IH 915D
U7104	IH 815D
U7244	IH 815D
U7818	IH 715D
U6126	IH 503-C w/430 CH, 13' Header
U7737	JD 6600 w/444 CH, 14' Header
U7757	JD 6600 w/443 CH, 215 Flex Header
U7904	JD E4400 G
U7222	MF 510 D Hydro
U8010	MF 510 D w/1143 CH, 13' Header
U5373	MF 300 w/2R CH, 13' Header
U7158	Gleaner F w/A 330 CH, 13' Header

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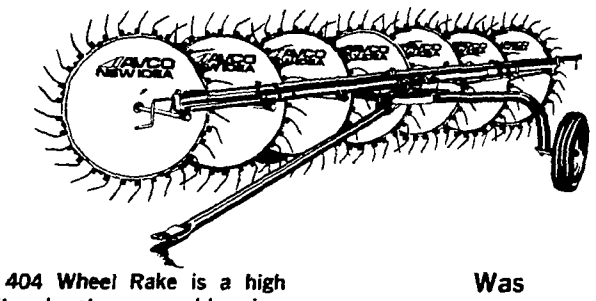
VISA

Summer Specials...

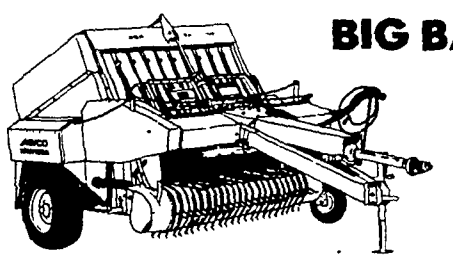
NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

Was ~~$1,150~~

TRUCKLOAD SPECIAL $1050



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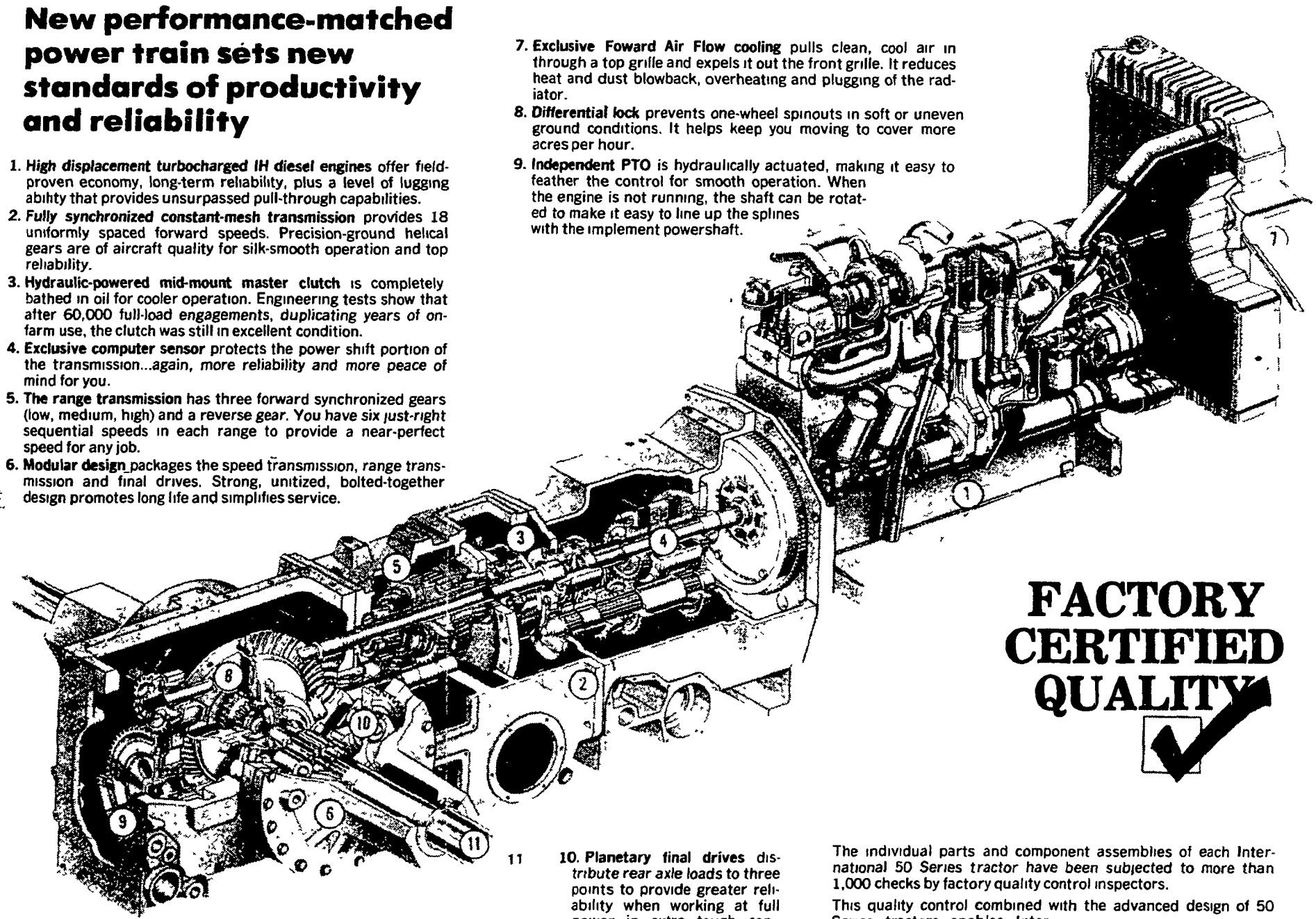
4588 - 185 PTO HP | **5288-160 PTO HP** | **5088-135 PTO HP**

ALL NEW POWER TRAIN

New performance-matched power train sets new standards of productivity and reliability

1. ***High displacement turbocharged IH diesel engines*** offer field-proven economy, long-term reliability, plus a level of lugging ability that provides unsurpassed pull-through capabilities.
2. ***Fully synchronized constant-mesh transmission*** provides 18 uniformly spaced forward speeds. Precision-ground helical gears are of aircraft quality for silk-smooth operation and top reliability.
3. **Hydraulic-powered mid-mount master clutch** is completely bathed in oil for cooler operation. Engineering tests show that after 60,000 full-load engagements, duplicating years of on-farm use, the clutch was still in excellent condition.
4. **Exclusive computer sensor** protects the power shift portion of the transmission...again, more reliability and more peace of mind for you.
5. **The range transmission** has three forward synchronized gears (low, medium, high) and a reverse gear. You have six just-right sequential speeds in each range to provide a near-perfect speed for any job.
6. **Modular design** packages the speed transmission, range transmission and final drives. Strong, unitized, bolted-together design promotes long life and simplifies service.
7. **Exclusive Foward Air Flow cooling** pulls clean, cool air in through a top grille and expels it out the front grille. It reduces heat and dust blowback, overheating and plugging of the radiator.
8. ***Differential lock*** prevents one-wheel spinouts in soft or uneven ground conditions. It helps keep you moving to cover more acres per hour.
9. **Independent PTO** is hydraulically actuated, making it easy to feather the control for smooth operation. When the engine is not running, the shaft can be rotated to make it easy to line up the splines with the implement powershaft.



10. **Planetary final drives** distribute rear axle loads to three points to provide greater reliability when working at full power in extra tough conditions.
11. **Heavy-duty, heat-treated axles** have the brute strength to absorb the punishment that's dished out when working in rough field conditions.

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The individual parts and component assemblies of each International 50 Series tractor have been subjected to more than 1,000 checks by factory quality control inspectors.

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Case 2590 Tractor, fully equipped at a good price.
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Case 1690 Demo, Cab, Heater, Fully Equipped.
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NI 701 Power Unit A-1 Shape
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- Wisconsin Used Model DG4D 37 H.P. Power unit, ~~SOLD~~ start & clutch **$1050**
- Wisconsin New V465D, 65 H.P. Engine w/electric start **$2900**

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NH #315 Baler w/thrower		$9350
NH #456 Mower		$2240
NH #258 Steel Tine Rake		$2265
NH #258 Rubber Tine Rake		$2515
NH #28 Blower		$2650
NH #718 Harvester (1 only)		$6100
NH #791 Spreader, 11:20 Tires		$7130
NH #303 Liquid Tank Spreader, Demo Rental w/injectors		$6950
Pittsburgh 3B 18" Auto Reset Plow		$3150
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow		$5275
Pittsburgh 12' Field Cultivator, 1 only		$1295
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.		$6200
Dunham 3 Bar 8 Tooth Chisel Plow		$1695

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IH 555 Harvester, 2 Row Head & Pickup Head
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NH 478 7' Haybine, Ex. Cond.
NH 477 Haybine
NH 479 Haybine
JD 1209 Haybine
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7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 325 Loader 54" bucket, like new
NH 273 Baler
NH 310 Baler w/engine
NH 256 Rake
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head
NH 519 Spreader
Martin Semi-Solid Liquid Spreader
Smoker Elevator 30'
Case 1830 Skid Loader

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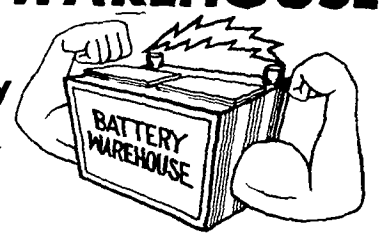

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IH 560G Tag 3916 **$ 3,500**	**IH 460D** **$3,200**	**IH 1256** Tag 3585 **$10,500**

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IH F1066D
IH F140
IH F400 Gas
IH F460
IH F706D
MF 165D w/Loader
Ford 860
Nuffeld 4/25 w/loader
JD 1010 w/cult.
Oliver 66
Oliver Super 77D
Case Vac w/Cult.

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IH 37 Disc Harrow
IH 475 Disc, 17½ ft.
IH 122 Mtd. Disc Harrow
Lely Power Harrow
IH No. 45 Mtd. Vibra Shank
IH No. 45 Vibra Shank, Trailing 14½ ft.

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Bobcat 500
Bobcat 743
IH 3200
Gehl 2600
Case 1740D

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Oliver 5 Picker
IH 234 Mtd.

Planters & Drills
IH 249, 2 Row
IH 56 Planter, 4 Row
IH 449 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 400 Cyclo 4 Row
JD 494 Planter
JD 15x7 Drill
Ontario 13x7 Drill
Tye No Till Drill

Lawn & Garden
Brinly Plows
IH Cadet 60 Riding Mower
IH 125 Cadet w/Mower
Bolens 5 HP Rider
Snow Blowers
AC Model 810 w/Attachments
Wheel Horse 12 HP w/Mower
Case Riding Mower
MF 12 HP & Mower
MF 7 HP (2)
JD 110 w/Mower and Snow Thrower
Snapper Comet riding mower
Hahn 5 HP Tiller

USED EQUIPMENT

Forage Equipment
IH 550 For. Harv.
IH 650 Forage Harvester
IH 56 Blower
JD 6 Harvester
JD 34 Harvester w/2 Heads
IH Hay Pickup 550/650
IH Direct Cut 350
Fox 546 Harvester
NH 717
IH 42 Blower
NH 23 Blower
Badger 1616 Forage Box

Hay Machines
IH Cub 222 Mower
IH 990 Mower Cond., 9'
JD 14T Baler
AC 303 Baler
Dearborn Rake

Combines & Cornheads
NI 725 Cornhead
IH 91
IH 127
IH 715 Combine
IH 227 Corn Head
IH 429 Corn Head
IH 743 Corn Head
MF 35 Combine

Plows
IH 531 3F 14"
IH 211 2F 16"
IH 311 3F 16"
IH 312 Plow
IH 411 4F
IH 450 3F Auto.
IH 550 16"
IH 560 Plow
JD 3 pt. 3F Plow

Miscellaneous
Sauder 7 ft. Snow Blade
IH 1850 Loader
IH 2000 Loader
IH 2001 Loader
IH 175 Spreader
IH 540 Spreader
NI 214 Spreader
Simplicity 4211 w/Mower
Waldron Dozer Blade w/IH or JD Mountings
NH 346 Tank Spreader
Winco 1500 Generator
Danuser 8 Ft. Blade 3 pt.
Buck Saw
Hawk Bilt 187
Flail Mower, 5 Ft., 3 pt.
Century 500 Gal. Sprayer w/new pump

SB SB SB SB SB

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Have recently sold the Farm Equipment Business.
Am liquidating the following equipment where is - as is.

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1607 Ford 530 baler w/thrower	$800
1608 AC twine baler	$495
1653 JD 1209 Mower Conditioner	$2750
1621 Hesston 1014 Hydro Swing Mower Conditioner	$3700
1622 Hesston 320 Self Propelled Windrower	$1750
1618 NH 479 Haybine	$2250
1620 NH 479 Haybine	$1875

TILLAGE TOOLS

1668 McCormick 28 wheel carrier disk	$425
1617 Binkley Wilbeck. 14 ft. digger disk	$6400

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1635 Schultz 72 field chopper	$650
1633 NH 26 Super lift blower	$725
1634 NH 23 hopper blower	$395
1629 NH 880 harvester	$2350
1630 NH 717 harvester	$650
1628 JD 38 harvester	$1175
1631 JD 38 harvester	$925
1632 JD 38 harvester	$1150

MISCELLANEOUS

1614 JD 790 tank spreader	$1325
1651 GI grain dryer	$2990

CULTIVATORS

1648 JD RG 4 3 pt. 4 Row cultivator	$1325
1647 Ford 3 pt. 4 Row Cultivato	SOLD 525

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- JD 55 Super w/cab, 12' grain & 330 corn heads
- JD 55 w/12' grain & 338 corn heads
- JD 45 w/both heads
- JD 45 w/grain head
- NH 975 w/11' grain & 238 corn heads
- MF 300 w/11' grain & 238 corn heads
- IH 315 w/cab, grain & corn heads
- NI Uni-System 702 w/717 combine, 4-row corn head
- NI 767 Chopper w/702 2-row Corn head & 761 Pick up Head
- Gleaner N5 w/15' floating grain & 630 corn heads
- Gleaner MKS w/13' grain & 630 corn heads
- Gleaner CII w/13' grain & 438 corn heads
- Gleaner AII w/cab & both heads
- Gleaner AII w/12' grain Head
- Gleaner E w/cab & both heads

HAYBINES

- (2) NH 469
- (2) NH 479
- Hesston 110 Self Propelled
- NH 461
- AC 904

TRACTORS

- JD 4020 D
- JD 4010 D w/PS
- JD 4010 D
- JD 3020 G w/PS
- JD 2010 D
- JD 60
- JD 50 w/3 pt.
- JD A Cyclone
- JD B
- JD MT
- IH 986 w/cab, air, only 1400 hrs., EXCELLENT!
- IH 560 D
- IH 460 D
- Farmall 400
- Ford 3600 G w/1400 hrs.
- Ford 901
- MF 1105 D w/cab
- MF 50 D
- MF 30 w/loader
- Oliver 550
- Case 630 w/loader
- Case 300
- MM G1000 D
- AC 7050 PS, w/cab
- AC 7040 PS, w/cab
- AC 7020 PS, w/cab
- AC 190XT D w/cab
- AC 185 D
- AC WD45
- AC WD
- AC HD3 Crawler w/dozer blade

BALERS

- NH 68 w/53A Thrower
- NH 271
- MF 10 w/Thrower
- IH 56 w/Thrower
- (2) IH 440 w/Thrower

CORN PLANTERS

- AC 600 No-Til Air Champ Planter, 4-row w/liquid fertilizer
- AC 600 No-Til Planter, 4-row
- AC 500 4-row Planter
- (2) JD 494A Planter, 4-row
- IH 56 Planter, 4-row
- (2) AC 2-row, 3 pt. Planter

MANURE SPREADERS & MISC.

- NH 676, 285 BU.
- NH 516
- NH 475
- NH 175 BU.
- NI 218, 325 BU.
- NI 214, 206 BU.
- (2) NI 213, 175 BU.
- Badger 205, 200 BU.
- (2) Weaverline 223 Electric Feed Cart, 24 BU.
- (2) Weaverline 330 Electric Feed Cart, 30 BU.--LIKE NEW!

JULY SIZZLER

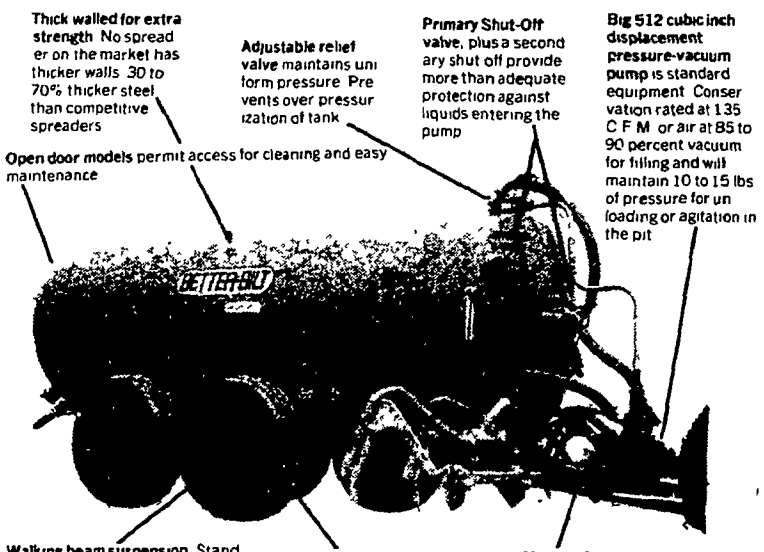
17 USED COMBINES, 35 USED TRACTORS IN STOCK.
Units cut Thousand$$$ of Dollar$$$.
Call Today --- We'll Consider All Reasonable Offers.

(2) NH #8 Chuck Wagon, 3 beater w/roof, 8-ton running gear & flotation tires.
NI Uni-System 802 Diesel w/cab, air, 4-wh. dr. w/767 Super Chopper, Model 768 3-row Corn head & Model 766 Pick up Head-6 ft.

BRICKERVILLE EQUIPMENT

SALES * SERVICE * PARTS
537 E. 28th Div. Hwy. Lititz, PA 17543
717-626-6198

Outstanding Features


Thick walled for extra strength No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut-Off valve, plus a secondary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure-vacuum pump is standard equipment Conservation rated at 135 C F M or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
BETTER-BILT
Walking beam suspension Standard on 2 600 3 150 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

1 - 1974 Ford LT 9000 tandem axle tk tractor with PT 270 Cummins engine, 6 speed Fuller trans., power steering, air slide 5th wheel, good 10.00x20 tires.

SPECIALS

1 - Used Better Bilt Auger-Matic Spreader, 3150 gallon.
1 - Used 2 Knife Plow Down Attachment For 3150 Spreader, Used Very Little

CALL US FOR YOUR NEEDS OF

- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

USED TRACTORS

- JD 4630, cab, air, power shift, exc. cond.
- JD 4430, cab, air, quad range trans.
- JD 4320, no cab
- JD 4520, new tires
- JD 4020
- JD 4020, power shift
- JD 2020 diesel
- JD 3020 gas
- JD 4010 gas
- JD 4010 diesel w/year-round cab
- JD 720 diesel electric start
- JD 3020 diesel, power shift
- IH 966, cab and air
- IH 766, like new
- IH 1466 w/cab
- IH 1256 w/cab
- IH 706 w/German diesel
- IH 806 diesel
- IH 656 wide front
- IH 574 w/loader
- IH 2400 w/loader
- Ford 5000 diesel, late model
- AC 5040 diesel, PS, 3 pt. hitch
- AC 210 diesel
- White 4-180 w/duals, quick coupler, used 2000 hours.

USED COMBINES

- JD 7700 diesel w/6 row corn head
- JD 55 corn special
- Oliver 525 w/2 heads, exc. cond.
- NI 702 tractor w/710 combine

USED PLANTERS

- JD 7000 conservation, 6 row, dry fertilizer, monitor, used on 500 acres
- JD 494A
- White 5400 air planter w/no-till attachment
- IH 510 grain drill, real nice

USED HARVESTERS

- JD 5200 w/cab and air, used 1500 hours
- Fox 3000 w/3 row corn head
- Fox 2000
- Fox Custom 90
- NH 770 w/2 heads

MISCELLANEOUS

- 1970 IH 1800 truck w/14' grain body & hoist, exc. cond.
- Gehl 65 feed grinder
- JD power till grain drill
- IH 510 grain drill
- IH Bigroll baler
- JD 346 wire baler w/thrower
- NH 278 baler
- Keewanne 20' hydraulic fold disc
- Keewanne 20' hydraulic fold mulcher
- JD 21' hydraulic fold disc
- Large selection of smaller discs
- Large selection of plows from 3 to 7 bottom
- Gehl 2600 skid steer loader, used 800 hours
- Gehl 9' haybine, like new
- NH 469 haybine
- New Farmhand loaders for IH and JD tractors

D & R EQUIPMENT INC.

Ringoes, New Jersey (201) 782-5082

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

TAM SERVICES, INC.

585 Martin Road
Gettysburg, PA 17325
Phone: 717/334-9148 or 334-3710

SAVE Now

on the

40 Series Tractors

1982 Inventory

4240 Tractor — Straight Sale $33,000

4440 Tractor — Straight Sale $38,000

Both Full Cab/Power Shift
Plus Waiver on Finance Charge
'til March 1, 1984

—ALSO—

SAVE 20%

on
John Deere
Torq-Gard and Hy-Gard
Oil
Starting Immediately

Hours: Mon.-Fri. - 7:00 a.m. - 5:00 p.m.
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Used Equipment Specials...

12 Ft. Brillion Cultipacker-(Rolls 10'6)
Cub Tractor w. 60" rotary mower 5' sickle bar and plow
Used wood splitters
JD 4-Bot. Plow..... $795
B 7100 4 Wheel drive Kubota, 500 hrs..... $4,800

New Equipment Specials...

982 Cadet w/50" Mower, 3 pt. Hookup, PTO and Dual Brakes..... $4,995
Yanmar 15 HP 2-WD..... $3,695
Yanmar 15 HP 4-WD..... $4,100
Used Loader For 22 HP..... $1,500
AMCO Disk..... $4,495
Landoll 7 Tooth Chisel Plow..... $1,500
Fuerst Flexible Tine Harrow..... $650
500 Gal. Field Sprayer, 35' Boom. $1995
Leftover AmPro Rear Tine Tillers
3 pt. Backhoe
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3 pt. Hookup Cement Mixer

MARTIN HARDWARE & EQUIPMENT CO.

1½ M. south of Schaefferstown, Pa.
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Open Mon.-Fri. 8 to 8; Wed. 8 to 12; Sat. 8 to 5

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SALE PRICED

New Long traveling irrigation unit 1820
New Long 610 DT, $12,600, 64 HP
New Long 310 DT, $8,600, 28 HP
New Long 510, 48 HP $8,500
New Long 460, 41 HP $7,900
IH 1466 w/cab
IH 1086 w/cab
IH 966 w/ SOLD
IH 966 $8,600
JD 2840 $10,900
Cab for JD 2840
2 JD 3130 1 w/cab
3 JD 3120
Ford 8600 w/dual power, $8,900
Demo Ford 6610, $14,400
Ford 6600
Ford 5600 4 wheel drive, demo, $19,600
3 Ford 5000 1 w/dual power and cab
2 Ford 4000
Ford 541 offset
2 Ford 8N
MF 1150 w/cab, $5,300
MF 175
MF 165 SOLD
Case V
AC B w/cultivators
Wolverine 25' goose neck trailer
Kubota B7100 w/mower
Moore no-till drill

¼ Mile East of Exit 6 I-81
Hours: 8:30 - 5:00 Mon. - Fri.
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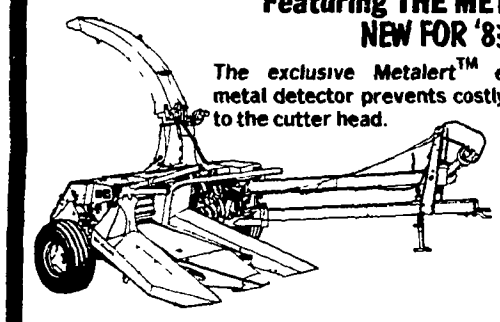
MESSICK'S

Farm Equipment Is Our Business

YOUR HARVESTER SPECIALISTS

NH 788 FORAGE HARVESTER
Featuring THE METALERT™
NEW FOR '83!

The exclusive Metalert™ electronic metal detector prevents costly damage to the cutter head.



CHECK OUT THESE EXCLUSIVE FEATURES AVAILABLE ON ALL MODELS

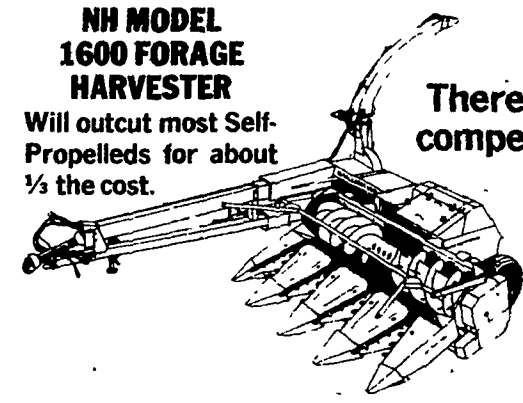
- Metal Detectors
- Flip-Up Feed Rolls
- Heavy Duty PTO Controls
- Double edge underbeveled Knives (never requires rebeveling)

NEW HOLLAND

NH MODEL 1600 FORAGE HARVESTER

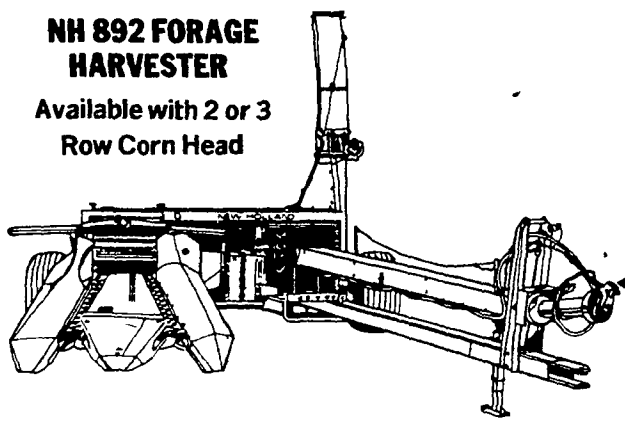
Will outcut most Self-Propelleds for about ⅓ the cost.

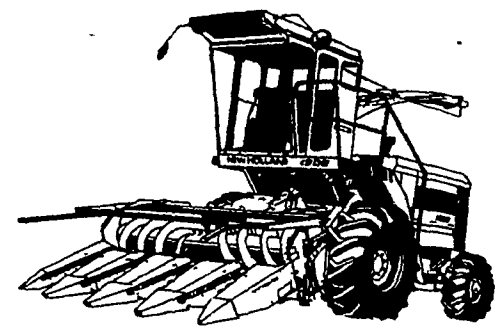
There's no competition



NH 892 FORAGE HARVESTER

Available with 2 or 3 Row Corn Head





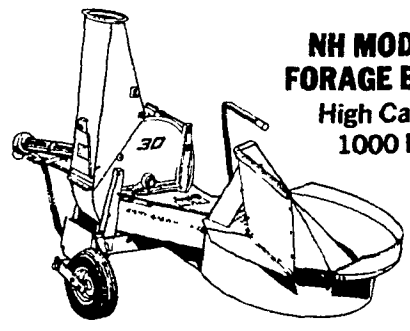
NH 1900 FORAGE HARVESTER
A New Giant, 250 H.P. Strong

0.0% Interest until 4-1-84

with Interim Payment
OR
3% Financing for 1 Yr.
6% Financing for 2 Yrs.
9% Financing for 3 Yrs.
OR
5% CASH REBATE
CHECK WITH US FOR DETAILS

NH MODEL 30 FORAGE BLOWER

High Capacity
1000 RPM

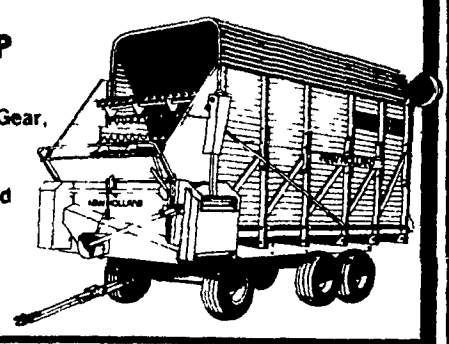


NH #8 CROP CARRIER

12 Ton Running Gear, Flotation Tires.

Features:

- Front & Rear Unload
- Worm Gear Drive
- Variable Speed Control
- Heavy Duty Chains



GOOD USED HAY EQUIPMENT

- Used N.H. 1495 S.P. Haybine w/12 Ft. Rolareel Header, Ex. Condition
- NH 320 Baler w/Thrower
- NH 718 Harvester 2 Row Narrow Corn Head And Pickup
- NH 30 Blower, 1000 RPM
- IH 56 Blower, H.D., P.T.O.
- N.H. 469 Haybine
- NH 495 Haybine, 12' Rolareel End w/Transport, Ex. Condition
- MF 9 ft. Mower Conditioner
- Gehl Model CB 600 Forage Harvester 2 Row Corn Head & Pickup Attachment, Ex. Condition
- NH 276 Baler w/58 Thrower, Ex. Condition

MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT - RT. 283, ELIZABETHTOWN, PA
PHONE: 717-367-1319, 653-8867
WARREN SPICKLER — HOME 653-4560
★ WE SHIP UPS

VISA

A GOOD SELECTION OF USED EQUIPMENT

TRACTORS
IH 1086 w/cab (excellent)
IH 240 Tractor w/Cultivator

SKID STEER LOADERS
NH L425 Skid Loader
NH L775 Diesel Skid Loader
NH LB 11 Backhoe w/24' bucket

HAY & FORAGE EQUIPMENT
NH 770 Pickup Attachment
NH 268 Baler & Thrower
IH 46 Baler
IH 7 ft. 3 pt. hitch sickle bar mower
IH 15 Hay rake
5 ft Rotary Mower

TILLAGE
Glencoe 13 shank Chisel
JD 350 6 bottom auto reset Plow
Brillion 10 Ft. Packer
White 4 Bottom, 16" Plow
Krause Model 1580 Single Wing Fold Disc Harrow
IH Model 55 9 Shank Chisel Plow, Demo
IH 53 4 Row Cultivator
IH 211 2 bottom plow
IH 311 plow

SPREADERS
IH 3 Beater 160 Spreader
NH 365 Tank Spreader
NH 518 2 Beater, Excellent

PLANTERS
IH 800 4 row corn planters, dry fertilizer, monitor, insecticide, excellent condition. Don't Miss This Good Buy - Waiver Till Next March 1984
IH 400, 6 Row, Monitor, Fert. Attach., Insecticides, Fully Equipped
IH 56, 4 Row, Fert.
Int. 56, 2 Row

MISCELLANEOUS
JD 3 Section Rotary Hoe, Only $395
New Idea 2 Row Pull Type Corn Picker

STIHL®
THE WORLD'S LARGEST SELLING CHAIN SAW

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

VERMEER · HEDLUND MARTIN INC. · Vicon

NEW EQUIPMENT

- Vermeer 504H Baler
- Vermeer & Scranton Bale Movers
- (1) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP 1200 Round Baler
- (1) Vicon SP450 Square Baler w/Thrower
- (1) Vicon 8' Mower Conditioner
- (1) Vicon 5½ ft. Mower Model CM165
- Haybuster 1068 Semi-Mounted No-Till Drill
- Martin 1263 Scavenger II Spreader

USED EQUIPMENT

- Vicon 10' Power Harrow
- Brady Flail Shredder
- Farm System Flail Spreader, Left Side Loading
- Hesston 12' Hydro Swing Haybine
- Used Vicon 4 Wheel Hayrake
- Pequea Hay Tedder

RED WING FARMS

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TRIPLE H EQUIPMENT

VERMEER · Vicon

Peach Bottom, Pa.
717-548-3775 or 717-548-2094

ROUND BALERS

4-New Vermeer Balers
2-Demo Vicon Balers
1 Demo 504H Vermeer
Hesston 10 Stack Mover

MOWER CONDITIONERS

NI 272 Cut/ditioner
1-KM 240 8' (new)
1-CM 240 8'
1 CM 205 7'

RAKES

1-8 Wheel V Rake
1-Vermeer R23B Twin

PLANTINGS AND TILLAGE

1-George White 510 Gal. Sprayer
1-10' Vicon Power Harrow
1-15' Vicon Power Harrow
1 Haybuster No-Till Drill 10'6"
1 Used JD 1300 Corn Planter 6 Row
1-New 8' Scraper Blade
JD Model 70 w/bucket $4000

SPECIAL OF THE WEEK
New Vicon 8' Mower Conditioner
$8600

See you at Pa. Forage & Dairy Day, Hershey, Pa., Tues, July 19th.

GAS & DIESEL ENGINE REPAIR

LOMBARDINI

DIESELS SALES & SERVICE

- Experience
- Reasonable Rates

New & Used Gasoline & Diesel Engines

BRIGGS & STRATTON

- Uniroyal V-Belts A-28 to A-60, B-35 to B-108
- Kendall Motor Oils (Special Drum Prices)
- Large Stock of Wisconsin and Briggs & Stratton Parts
- Galvanized Pipe and Fittings ½" - ¾" - 1"
- Baldwin Oil Filters • Conklin Products
- New 2 hp. to 10 hp. Briggs Stratton at Special Prices

10 HP Briggs & Stratton Engine $350

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BEILER ENGINE SERVICE
245D PENNSY RD.,
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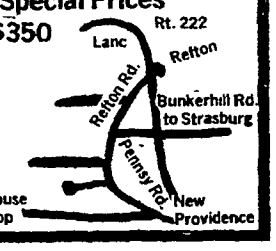
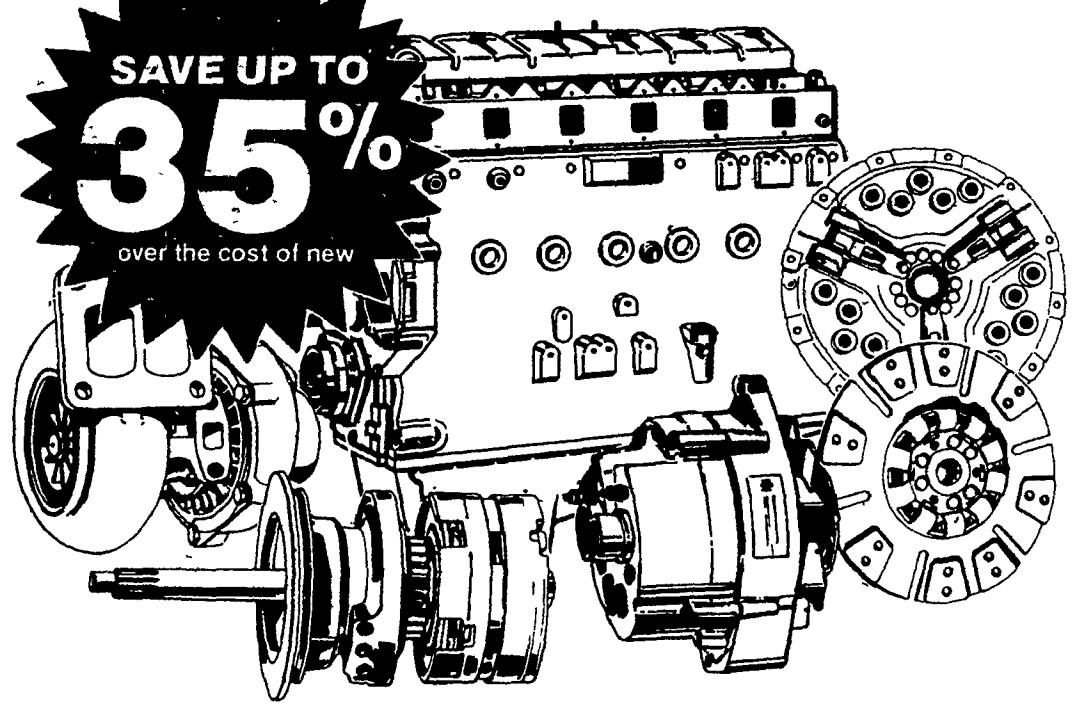
Check Our Prices



PARTS VALUE OF THE MONTH



IH RENEWED Parts

- ENGINES AND COMPONENTS
- TORQUE AMPLIFIERS
- CLUTCHES
- ELECTRICAL PARTS
- PLANTER MONITORS

OUR PARTS AND SERVICE MANAGERS HAVE GOTTEN TOGETHER AND DECIDED TO OFFER A GREAT SPECIAL. WE'LL INSTALL GENUINE IH RENEWED PARTS IN YOUR TRACTOR AT SAVINGS UP TO 35%

Backed by extended warranties!

CALL US NOW FOR AN APPOINTMENT

INTERNATIONAL HARVESTER

MESSICK FARM EQUIPMENT, INC.

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Elizabethtown, PA

PHONE: 717-367-1319 653-8867

INTERNATIONAL® AGRICULTURAL EQUIPMENT

THIS MONTH'S SPECIAL ON NEW EQUIPMENT

New Tractors on Stock
IH 3688 w/cab
IH 3288 w/rops
IH 684
IH 784
IH 484

New Hay Equipment
IH 428 baler w/thrower
IH 1190 9' mower conditioner
IH 781 forage harvester
IH 881 forage harvester
IH 120 16' forage box
IH 130 16' forage box

New Tillage on Stock
IH 720 6F-18" toggle trip on land plow
IH 720 5F-18" auto. reset plow
IH 510 4F-18" plow
IH 475 12' disc
IH 480 13' 5" disc
IH 496 19' flexwing disc
IH 4500 12' field cult.
IH 5500 11' Chisel-plow

USED TRACTORS

IH 1086 D w/cab $22,500
IH 966 D hydro w/cab $12,500
IH 806 D w/3 pt. $8500
IH 684 D, w/99 hrs. $13,650
IH Super C $1250
IH 484 D w/300 hrs. $10,500
IH I-656 D hydro $5450
IH Super C, real nice $2150
JD 430 tractor $1500

Waiver of finance until 9-1-83 and 11.9% interest

USED CORN HARVESTING & COMBINE EQUIPMENT

Fox 1 Row Corn Head for a 546 . $150
IH 80 pull combine (nice) $1850
JD 30 pull combine w/PTO $950

USED HAY EQUIPMENT

IH 37 Baler w/thrower $1800
NH 770 Forage Harvester w/2 RW narrow head and pick-up unit $5250
IH 990 9' mower conditioner .. $1950
JD 15 5' flail chopper $450
IH 2 rw wide and narrow head for 720 and 830 harvesters $1650
Lamco 16' forage box w/roof .. $1850
NI 7' trailer mower $350

USED TILLAGE

IH 401 16' Harrow $600
IH 560 6F 16" plow w/cyl. $1500
Brillion 15' cultipacker (end transport) $1250
JD 21' transport harrow $1250
JD 55 3F 16" trailer plow $450
IH 550 5F 16" plow $1250
IH 710 5F 16" plow w/cyl. $2250

SPREADERS AND MISC.

NI Model 211 Spreader (Nice) . $1350
IH 540 w/hyd. endgate, ... $2150
JD 300 elevator, 30' $500
JD R gr. dr. spreader $500
JD 29B 100 gal. sprayer $750

USED PLANTERS AND DRILLS

IH 56 4 row $1250
IH 400 4 row 38" $1500
JD Van Brunt drill $500
IH 249 2R planter $500
Oliver 2R planter $150
IH 400 6 R 30" Planter, w/insect $3500
JD 1240 4 R wide planter $1750

Waiver of finance until 5-1-84

MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

AC 7000 Dsl. Tractor
AC 5040 Tractor
AC 185 Tractor
AC 160 Dsl Tractor w/ Loader
AC C Tractor & Cultivator
AC WD Tractor
NH 479 Haybine
OMC #83 Grinder Mixer
8C Hydra-Mac Skid Loader

ROY H. BUCH INC.
Ephrata
717-859-2441

WE
FIELD QUEEN
FORAGE HARVESTERS

SEE THE NEW HESSTON TRACTOR LINE
40 to 160 HP
NEW EQUIPMENT
NI 802 Uni w/Harvester
NI 717 Combine
Westgo 6R Cultivator
HESSTON HAY EQUIPMENT
Hesston 6550 SP 14' D Swath Windrower
Hesston 4800 Big Square Baler
Hesston 4600 Baler
Hesston 1014 +2 Hydro Swing Windrower
Hesston 1091 9' Windrower
Kuhn S C55 6'7" mower conditioner
USED TRACTORS
Oliver 1850 w/cab
Oliver 1850 tricycle
Ford 3N
Ford 6000 Dsl.
Farmall M
Case 1210
Case 430 w/Loader
JD 2440 w/loader
JD 60 w/loader

Used Hesston 4800 Big Square Baler

USED HARVESTERS
MF 410 Combine
MF 750 Combine 6R & 131 Grain Head
701 Uni
702 Uni
727 Husker w/3RN Head
Fox Super D2R Head & Pickup
Fox 3310
Fox 3000
Fox 299 80" Flail Head
Field Queen 7650 4 whl. Dr. 3R Head & Pickup, 550 hrs.
NH 770 Elec. Controls 2R Head & Pickup

USED EQUIPMENT
White 5100 6 Row Planter Dry Fert & No-till
AC 4R Planter
Oliver 260 20' Wing Disc
NI 710 Combine
NI 725 3R Head
Kewanee 20' Field Cultivator
JD 125 & 216 Wagons, 3 btr. & roof.
NH 320 baler w/thrower like new
Gehl 810 & 910 Fg. Wagon, 3 btr. & roof
Bale thrower wagon
3 pt. backhoe
Farmhand Recutter Blower
Hesston 1014, 12 Ft. Hydro Swing Windrower
Westfield 744 auger PTO
UFT 400 bu. Grain cart, demo special $4500
J&M 200 Bushel Bin Wagon w/10 Ton Gear
20.8+38 Axle Duals for AC 7040

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

FARM EQUIPMENT

MF Massey Ferguson

SPERRY NEW HOLLAND

Tractors
MF 285, 8 spd.
AC WD

Tillage
Case 5B Semi-Mtd Plow
JD 4 x 16 Plow
JD 12' Tandem Disc
(2) Drag Harrows

Hay Equipment
AC 390 Mower cond.
Moline 3 pt. 7' Mower
Ferguson 3 pt. Mower
IH 37 Baler w/thrower
MF Model 3 Baler w/thrower
AC 303 Baler w/thrower
AC Hay Rake
NH 36 Crop Chopper

Miscellaneous
Lanco 6' Rotary Mower
MF 468 4R Planter
NH L-35 Skid Steer Loader
Gehl 2600 Skid Steer Loader
NI 214 Manure Spreader

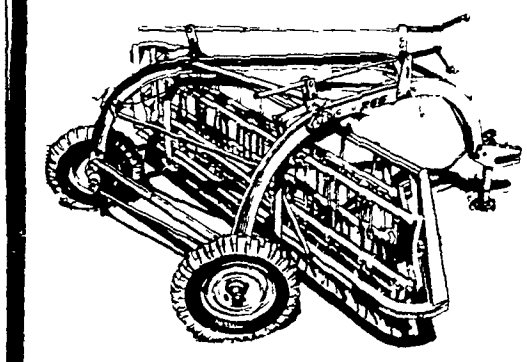
NEW
NH 718 Forage Harvester
Heavy Duty PTO, Mechanical Controls
770 w/Pickup Head
$6,950

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

FARM EQUIPMENT

The Time Is Right... The Price Is Right!!

NEW MODEL 258 NEW HOLLAND ROLLABAR SIDE RAKE



9½ Ft. with 100 Rubber Teeth, Drive Wheels And Hitch Jack...

$2,449

Sales & Service On:
- Ford
- New Idea
- New Holland

Call Ray or Ed
(301) 734-7722
or
(301) 879-1434

WALTER G. COALE, INC.
2849-53 Churchville Rd.
Churchville, Maryland

FARM EQUIPMENT

USED TRACTORS

JD 2010 D w/loader
JD 4430 Diesel
JD 2940, MFD
JD "LA" Tractor w/cult.
JD 50 w/Loader
JD 3020 Diesel
Ford 800
MF Pony Tractor with Equipment

USED COMBINES

★ Finance Charges Waivered Til May 1, 1984

JD 4400 Diesel Combine w/Heads
JD 4420 Combine with Heads
JD 6620 Sidehill Combine with Heads
Massey Harris Combine w/12' Grainhead

USED EQUIPMENT

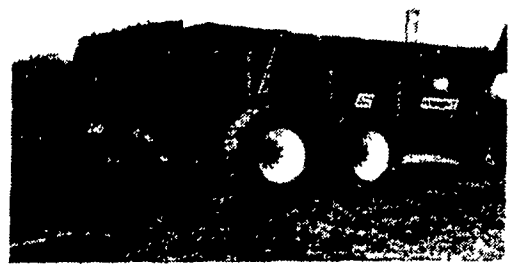
New Holland 16' Forage Wagon
JD 336 Baler w/30 Ejector
1982 King Gooseneck Stock Trailer, 16x6

SHOTZBERGER'S EQUIPMENT
JOHN DEERE
Elm, Pa.
Phone: 717-665-2141
JOHN DEERE

IN STOCK:

Heaviest 500 Bushel Manure Spreader Ever Built

NEW KNIGHT FEATURES YOU WILL LIKE



1. Double Gratz Web Chain
2. Lower Beater To Break Up Chunks
3. Hydraulic Cylinders On Each Side Of End Gate
4. Tandem Axles With 16.5x22 Tires
5. Special Copper Bearing Steel Alloy To Inhibit Corrosion
6. Heavy Duty Frame Extending All The Way To Rear Axle
7. Worm Driven Web
8. Heavy Duty Beaters With Some Of The Heaviest Bearings You Have Ever Seen On A Manure Spreader

SAVE on HEAVY DUTY MANURE SPREADERS

KNIGHT

Look At This...UNLOAD YOUR LIQUIDS FASTER, JUST RAISE THE DUMP
"410 and 350 SOUPer SOLID"
Manure Spreaders In Stock
The Growing Number 1! No Ratchets or Belts to Trouble You

- Wide spreader beaters are made of heavy auger type with ripper prongs which eliminates chunks of unpulverized manure piles laying around in the field.

The combination of the hydraulic tilt, hydraulic rear gate, and lower spinner beater allows for a controlled spread and fast unloading.

TRADE-UP TIME IS NOW...Call & Make A Deal

THESE MODELS IN STOCK

Model 500 -	Regular	350 - Regular
Model 410-	Reg. & SOUPer SOLID	252 - Regular
Model 350-	SOUPer SOLID	180 - Regular

COMPARE...If You Can Find A Better Spreader Than **KNIGHT**..
Buy It!

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd. Lititz, PA 17543
PH: (717) 626-4705
Business Hours: Mon. - Fri. 7 A.M. - 5 P.M.; Sat. 7 A.M. - 11:30 A.M.

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

CHECK OUR PRICES AND TERMS FOR NEW & USED EQUIPMENT

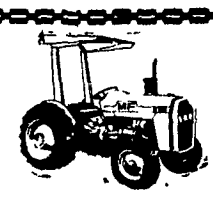
NH 519, 791, Flat Bed Spreaders
MH 851 Lg. Round Baler
NH 892 Fg. Harvester
PTO Wood Saw
Special Low Price on
NH 890 Windrow Attachment

NH Waiver of finance till April 1, 1984 w/interim payment or 3%, 6%, or 9% APR for 12, 24 or 36 Mos. respectively

USED EQUIPMENT

NH 1895 S P Fg. Harvester
NH 3RN Row Crop Head
NH 3RN Ear Snapper Head
NH 880W Pickup Head
NH 469 Haybine
Gehl PTO Blower
NH 489 Haybine $5150
Ejector for 247 Baler $200
NH 273 PTO Baler, Ld. Chute.... $1550
Ford 250 PTO Baler..... $350
Ford 40 h.p. Skid Steer Loader, Ex. cond., only 1100 hrs,Trms $6500
NH S717 1R Fg. Harv..... $785
AC Hopper Blower Belt Driven $150
NH 367 Flail Spreader..... $1890

AUTHORIZED
SPERRY NEW HOLLAND
PARTS and SERVICE
STARLINE VANDALE
KOYA
BRUBAKER
SALES ★ SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA



MF Massey Ferguson

TRACTORS & EQUIPMENT

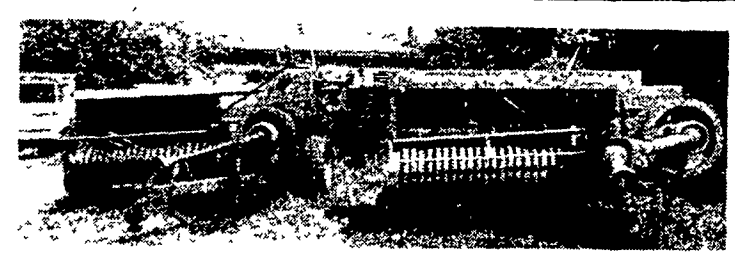
MF 1155 Tractor
Ferguson 35 Tractor w/Loader
AC D17 Dsl. Tractor
MF 40 Dsl. Tractor and Loader
IH Tractor w/Forklift Attch.
NH 479 Haybine
NH 718 Harvester
Fox 2000 Fg. Harvester w/2R C.H and Pick-up
MF 760 Combine w/Attchs.
NH 36 Crop Chopper
IH #46 Baler
IH 440 Baler
NH 315 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
NI 213 Manure Spreader
NH 451 Mower
Hesston PT10 Mower Cond.
JD Grain Drill
IH 1600 Truck 1974 w/20' Van Body

NEW M.F. EQUIPMENT

MF 275 Tractor
MF 285 Tractor
MF 245 Tractor
MF 240 Tractor
MF 265 Tractor
MF 210-4 Tractor
MF 210 Tractor
MF 1010 Tractor
MF 40B Tractor w/Loader
MF 40B w/Cab
MF 20 Turf Tractor
MF 34A Loader
(2) MF 216 Loader
MF 236 Loader
MF #43 2B Plow
MF 820 Disc Harrow
MF 520 disc harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

S.G. LEWIS & SON, INC.
R.D. 2 Box 66 West Grove, PA
215-869-2214

USED HAYING TOOLS



#209 MF - 128 Used Baler With Bale Thrower..... $3600
#202 Deutz-Fahr HD-400 Used Baler 14x18 in..... $2600
#178 Deutz-Fahr Disc Mower 7 ft. Demonstrator $2000
#205 Vicon Tedder, 10 ft. PTO Driven..... $900
#212 Kuhn Tedder, 17 ft. Wide, PTO Driven .. $1100
#201 JD 480 Mower-Conditioner, 9 ft..... $1300

TERMS: 40% Down, Balance Due 5/1/84.
10% APR Finance Charge On Balance

From Our Service Dept:
10% Parts Discount On All Tractor Repairs Over $500 - Total.
Limited Time Offer

Stauffer Diesel Inc.
312 W. Main St. New Holland, PA
Ph: 717-354-4181

GEHL® SPECIALS

THIS NEW EQUIPMENT MUST GO!!

- CB 1000 Forage Harvester (No Heads) ..... SPECIAL PRICE $9986
- (2) BU 960 Forage Box (wood sides) 3 Beaters & Roof 6x14 S/N 31526 & S/N 32024..... SPECIAL PRICE $4762
- BU 640 Forage Box (wood sides) 3 Beaters & Roof - 6x14 S/N 3486 ..... SPECIAL PRICE $3743
- BU 640 Forage Box (wood sides) 2 Beaters, No Roof, 4x16 S/N 3439 ..... SPECIAL PRICE $3270
- BU 960 Forage Box (steel sides) 3 Beaters & Roof - 6x18 S/N 31599..... SPECIAL PRICE $5664
- TR330 3 Row Corn Head S/N 1789..... SPECIAL PRICE $4620
- FB 99 Blower - 540 RPM S/N 18288..... SPECIAL PRICE $2442
- G1056 12 Ton Tandem Gear No Tires S/N 8334 ..... SPECIAL PRICE $1428

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133 Rothsville Station Rd. Lititz, PA 17543
PH: 717-626-4705
Hours: Daily 7 AM to 5 PM; Sat. 7 AM to 11:30 AM

CHECK THIS LIST

USED TRACTORS

PRICED TO SELL

NOTE! SOME OF THESE TRACTORS ELIGIBLE FOR INTEREST FREE NO PAYMENT FINANCING TILL DEC. 1, 1983

JOHN DEERE 430
Tricycle, Gas Engine, runs well
~~$2250~~ Reduced **$2,150**

JOHN DEERE 60
Tricycle
Power Steering
Only **$1,850**

FOX MAX II
Self propelled forage harvester, Model 6600, 238 HP Detroit Diesel, 3 row wide head, 3 row narrow head, 6 foot pick-up, hydrostatic transmission
$8,675

FARMALL SUPER A
Cultivators, lights, good rear tires
A-1 Condition **$2,850**

DEUTZ 4506
Diesel engine, 45 HP approximately 670 hrs., 3 pt. hitch, Like New
~~$7650~~ Reduced to **$6,980**

586 C CASE
Forklift, 14' Mast, 721 hours, 48" Pallet forks, 19.5Lx24 tires
$16,900

901 FORD
Narrow Front, gas engine, Power steering, 13.6x28 Man Adj. 10%
$2,250

CASE DAVID BROWN
1210, 1770 hours, 540/1000 RPM PTO, 18.4x30 75%, 12 sp. trans., front wts, power steering
$5,900

CASE DC
Gas Engine, Narrow Front, Eagle 3 pt. hitch
~~$850~~ **$650**

Like New Condition
885 CASE
43 HP, 675 hours, 13.6x28 tires 90%, 540/1000 RPM PTO, Front Bumper, Single remotes
~~$7680~~ Reduced Only **$6,880**

CASE DAVID BROWN
990 Diesel, Hydrostatic steering, Freeman Bushog Front end loader with hydraulic dump and down pressure, front mounted auxiliary pump
~~$5294~~ Reduced To **$4,880**

LIKE NEW **2390 CASE 160 HP**
Diesel Engine, Cab, Air Cond., Heater, 20.8x38 tires 70%, Power Shift, 20.8x38 Axle Duals 1100 Hrs.
~~$27,800~~ Reduced To Only **$25,500**

350 FARMALL
Power Steering, 540 PTO, on steel wheels
Only **$988**

1212 DAVID BROWN
65 HP Diesel Power Shift Trans., 18.4x30 Power Adjust
$6,900 Reduced Call

FORD 8000
Diesel engine, 4392 hrs. 540 PTO, 3 pt. hitch, single remotes, 18.4x38 tires, dual Power Transmission
Has Optional Transmission Filter Kit
Only **$7,900**

300 HP CASE 2870
4 wheel drive, 825 hours, 1978 model, dual remotes, power shift, 3 pt. hitch, with quick hitch, 1000 RPM PTO, 20.8x34 tires
Only **$33,800**

4230 JOHN DEERE
Cab Air Cond. Heater, Power Shift, M&W Turbo, Approx. 3000 hrs. on tractor, Engine rebuilt at 2,700 hrs, 20.8x38 tires 50%, front and rear weights, 540-1000 RPM PTO dual remotes, auxiliary fuel tanks
$17,800 Make Offer

IH 560
Wide Front, PTO, Good TA, 2 point hitch, 18.4x38 50%, 2 remotes
~~$3250~~ Reduced **$2,880**

2010 JOHN DEERE
46 HP, 3787 hours, wide front, power steering, 3 pt. hitch
~~$4,850~~ Reduced to **$3,850**

— NOTICE —

IRRIGATION PUMP LIKE NEW

Hale irrigation
Pump 1000 RPM
1500 GPM Model
60FR2
$2480

CASE 300
Narrow Front, Gas Engine, 2 Row Front Cultivators, Shaft for Belt Pulley, Eagle 3 pt. Hitch
Only **$1,250**

HIGH CAPACITY PORTABLE ELEVATORS
For All Crops.
Available Setup.

In Stock: 31, 36, 41, 46 Ft.

SPEED KING & ZIMMERMAN

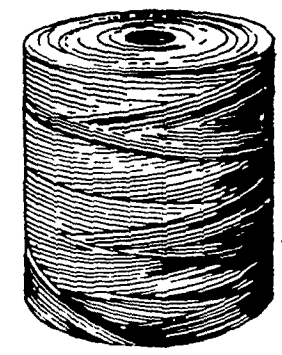
JOHN DEERE 430
Tricycle, Gas Engine, runs well
~~$2250~~ reduced **$2,150**

Almost New
1290 CASE
53 HP, Diesel Engine, 107.8 hours, 16.9x30 Tires, Independent PTO
Only **$10,800**

JOHN DEERE
4010 Diesel, 3000 hrs. 18.4x34 Radial Tires with 90% tread, narrow front, 8 speed transmission, front and rear weights
Extra Clean
~~$8,950~~ **$7,950**

Almost New
4490 CASE
4 wheel drive. Power Shift, 3 pt. hitch, 4 remotes, 20.8x34 Radial Tires, 1000 RPM PTO 619 hours
~~$44,800~~ Reduced to **$39,843**

ONLY $19.95
Limited Quantity
BALER TWINE IN STOCK



SISAL & PLASTIC
For Round Balers
Only **$19.95**
Limited

450 Owatonna Grinder Mixer

- Approx 125 bushel
- 540 PTO

$1,950

LOOK AT THIS

BRAND NEW 70 HP DIESEL CASE 1490 TRACTOR

Featured with Cab, Heater and Air Conditioning

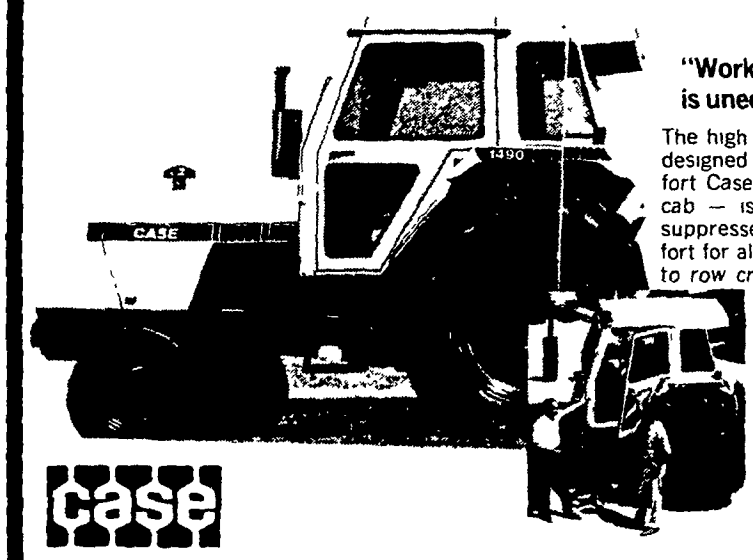
List Price $33,830.00

CASH JULY SALE PRICE

NOW **$20,700**

Price Includes: Power Shift Transmission, 18.4x3.4 Power Adjust Tires & Wheels.

THE "COOL CAB" with the Smoothest Power Shift transmission in the industry



"Working" in a quiet Case cab is unequalled in comfort

The high platform 1690 and 1490 shown here are designed to accommodate the optional high comfort Case cab. It's a very quiet, functional, roomy cab — isolator mounted, pressurized and sound suppressed, offering exceptional visibility and comfort for all operating conditions from primary tillage to row crops to all-season barnyard chores. Cab has heater, air conditioner and air filter self-purging system. A selection of optional radio and stereo options also available.

If you want big tractor cab comfort in a top-of-the-line tillage-loader-chores tractor, you can have it with a high platform 1490 or 1690.

case

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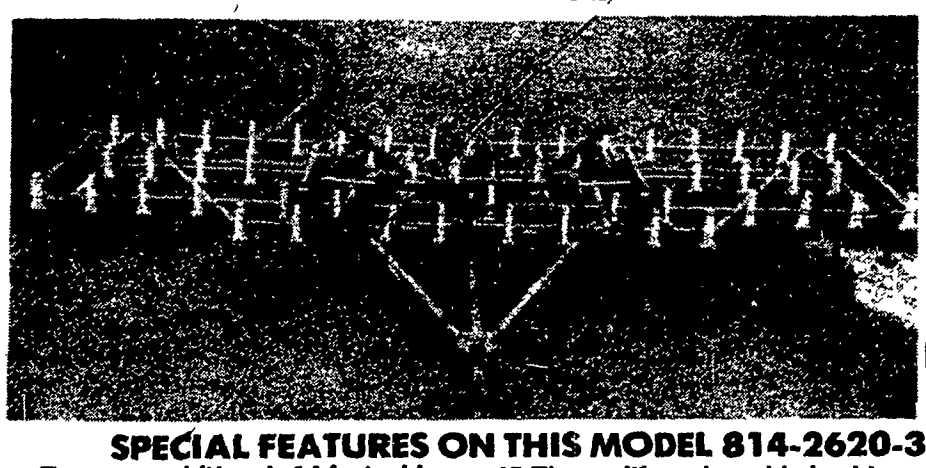
133 Rothsville Station Rd. Lititz, PA 17543
PH: (717) 626-4705
Business Hours: Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM - 11:30 AM

DEMO RENTAL NEW CASE GAS 1845 UNILOADER
12.00x16.5 Lug Flotation Tires, 73" Bucket,
ONE ONLY Serial #9859303
Reg. Price $16,972
CASH PRICE **$14,408**

Check these good buys on new and used equipment

YOU BETTER BE AWAKE ON THIS BUY
1 ONLY — FOR THE FARMER WHO WANTS TO SAVE $$$



RHINO 26'3" WORKING WIDTH FIELD CULTIVATOR

SPECIAL FEATURES ON THIS MODEL 814-2620-311

- Transport width only 14 feet wide.
- 4 Transport wheels with tires.
- 45 Tines with replaceable bushings at hinge wear points.

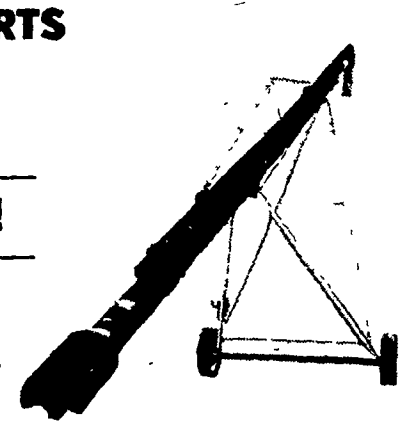
Shipping Weight Approx. 4,800 lbs.

Reg. Book Price w/Setup..... $8,605

~~$6950~~ Your buying price now **$4850** 1 only

Set Up and Ready to Go — Tow Away and Save

SPEED KING AUGER TRANSPORTS
with
FLEXI-BOOT HOPPER



Call For The Best Deal Ever!

All These Sizes In Stock:

6x27	6x46	8x34	8x53	10x51
6x34	6x53	8x41	8x60	10x61
6x41	6x60	8x46		10x71

NEW

CASE 43 HP DIESEL TRACTOR LOADED WITH EXTRAS

AT A SPECIAL PRICE

case

$11,500

Price Includes:
- 7.5x16 Front Tires
- 14.9x28 Rear Tires
- Independent 540 R.P.M. PTO
- Heavy Duty Cat I II 3 pt. Hitch
- (2) Double Acting Hydraulic Outlets

Hesston 7020 Forage Harvester
- 1 Hay Pick-Up
- 1 Row Head
- Manual Controls

$2,780

NEW
HARVEST HANDLER

16 Ft. Utility Portable Elevator Light Weight Aluminum

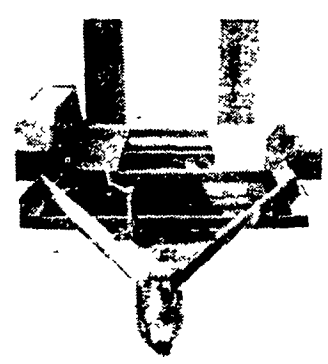
— NOTICE —

We have in stock 1 set of good used axle duals for 3 7/8" axle. Will fit Case 1270, 1370 or 1570 with 3 7/8" axle.

CASE
Little Giant Bale Corn Elevator

$750.00

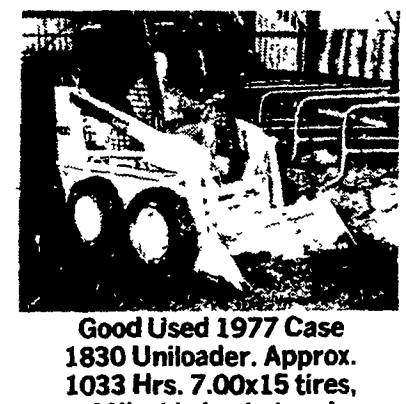
Good Used Case 1816B Uniloader
1978 Model 44" Bucket, harrow tires
Serial #9837766
Only 886 approx. hrs.
ONLY **$3,600.00**



Like New - Zimmerman tandem axle trailer with Surge Brakes, Ramps, 68" inside bed width
$1850.00

SMOKER - 36 FOOT BALE ELEVATOR

$450.00



Good Used 1977 Case 1830 Uniloader. Approx. 1033 Hrs. 7.00x15 tires, 60" wide bucket and manure fork
ONLY **$6,900**

Bobcat Model 600 variable speed, rebuilt engine, Good Rubber
Reduced to **$3,380**

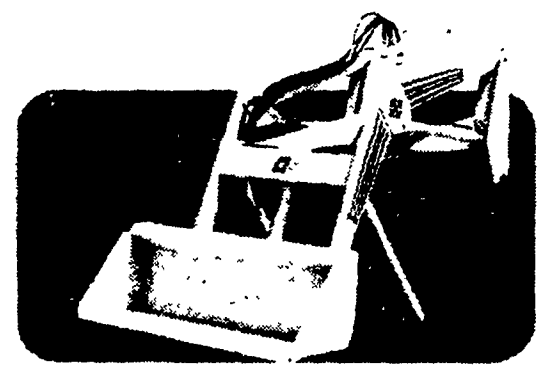
HOUGH GOOD USED TOW MOTOR PRICE REDUCED

Rear wheel steer, 30" pallet forks, engine rebuilt 2 years ago, 4½ ft. lift height.

~~$3600~~ ~~$2680~~ ONLY **$1,960**

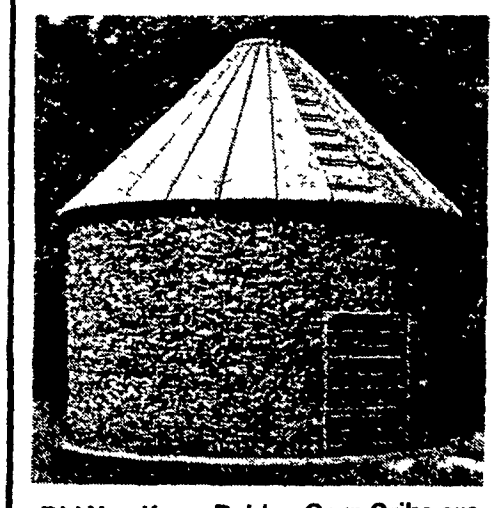
Ready for work

NEW QUICK ATTACHED DUNHAM LEHR-LOADERS



Basic "2 & 22" Series Loaders
- Quick off & on type with 2 spool control valve with float position
- Bucket width of your choice

BEHLEN CORN CRIBS



FIRST COME FIRST SERVE

on a limited supply of corn cribs at old prices

Did You Know Behlen Corn Cribs are No. 4 gauge, which is heavier than most other brands and helps to prevent bulging of sides.

- Model FXL-15 865 Bushel plus extra capacity in roof area
- Model-EL - 101085 bushels plus extra capacity in roof area
- Model-EXL-15 1515 bushels plus extra capacity in roof area

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FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

VAN DALE

- **Van Dale Products**
  - All New Magna-Trac Ring Drive
  - Silo Unloaders 10' - 30' New & Rebuilt
  - Bunk Feeders - Belt, Auger and Shaker
  - Conveyors - Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
  - 40 Cows to 400 Cows
- ***Liquid Manure Spreaders***
  - 1500 Gal. to 4500 Gal.
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler • Centrifugal • Lagoon

- **Uebler Electric Forage & Grain Carts**
- **Uebler 810 Gas Cart**
- **Uebler U-Blend™ TMR Forage Carts**

UEBLER

- **Red Top Stainless Steel Trough Cattle Waterers**
- ***Fickes Stave Silo*** **– Top and Bottom Unloading**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
- **Taper Board Feeders & Belt Feeders**
- **Circle Feed Supplement Bins**
- ***Hedlund Vaughan Chopper Pumps***
- **Farmaster TMR Tumble Blenders**

LEASING AVAILABLE • SALES & SERVICE

K & S INC.

RD 1 Quarryville, PA 17566
PH: 717-284-3111

GRUMELLI FARM SERVICE

bobcat Quarryville, Pa. 717-786-7318 ALLIS-CHALMERS

TRACTORS

AC 7040D	AC CA	IH 656
AC 7045D	AC WD 45	IH 504 w/loader
AC 7050D	AC 5040D	JD 2010
AC 7020D	AC 5050D	JD 4010
AC 7010D	IH 756	JD 70
AC 7000D	IH 806	JD A
AC 440	IH 504	*Ford 4000*
AC 200	IH 300	MF 65D
AC XT190D	IH 340	MF 65G
AC 180D	IH Cub Low Boy	Case 300 w/Loader
AC 170D	IH 350	Case 800
AC 175D	IH H	Oliver 1650D
AC D19D	IH 140	
AC D14		

EQUIPMENT

New and Used Miller Discs and AC Discs
New AC 7' Haybine
(2) 315 NH baler and thrower
269 NH baler and thrower
14T J.D. baler and engine
AC 444 baler and engine
Farmhand grinder & blower
(2) L 425 NH Skid Loaders
731 Bobcat Skid Loader
610 Bobcat Skid Loader
630 Bobcat Skid Loader
1000 OMC Skid Loader
371 Bobcat Skid Loader
70 JD Skid Loader
Thomas Skid Loader
MC 600 Grain Dryer

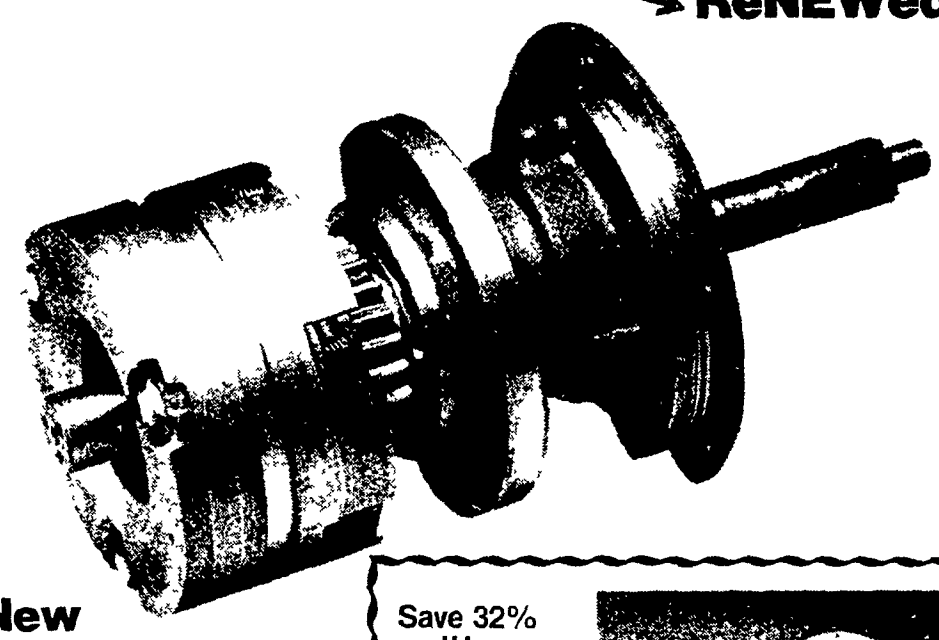
IH SUPER SAVING TIME

PARTS VALUE OF THE MONTH

INTERNATIONAL HARVESTER

Need a TA?

You have a choice → New / ReNEWed

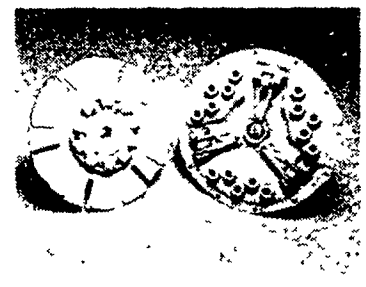


New
3 YEAR WARRANTY
$857.00

or ReNEWed
2 YEAR WARRANTY
$642.00

Save 32% on IH clutches

IH clutches are designed specifically for your tractor.



Most popular sizes and types of clutches are available as ReNEWed Parts. They are assembled with balanced pressure plates and dampener springs for quiet gears. Hardened splines in hubs provide longer life. Heavy-duty levers resist wear for longer life.

IH PARTSMART

ERB & HENRY EQUIP., INC.

New Berlinville, PA 19545
PH: (215) 367-2169

MF Massey Ferguson

GEHL *Gets into your system*

MF OFFERS 9.9% INTEREST RATE FOR 4 YEARS OR WAIVER OF INTEREST TILL DEC. 1, 1983 ON UNDER 100 HP, NEW MF TRACTORS

NEW MF TRACTORS

	Sale Price
• MF 1010 w/mower, 6 HP diesel	In Stock
• MF 205 w/mower, 20 hp diesel	In Stock
• MF 245 diesel, 8 speed trans., 42 HP	In Stock
• MF 265 diesel, 8 speed trans. 60 HP	In Stock
• MF 270 diesel, 8 speed trans., 55 HP	In Stock
• MF 270 diesel, 12 speed multi-power trans., 55 HP	In Stock
• MF 670 diesel, 12 speed sychromesh trans., 55 HP w/cab and air conditioner, 4 wheel drive	In Stock
• *MF 274 diesel, 4 wheel drive, 55 HP*	In Stock
• MF 2640, 16 speed multipower trans., 4 wheel drive cab w/air, 90 HP	In Stock
• MF 2675, 24 speed multi-power trans., cab w/air, 100 HP	In Stock

USED TRACTORS

• MF 30B Industrial Loader Tractor w/Cab, 1978	Priced To Sell
• MF 275 Diesel, 67 HP, 12-Spd., M.P. Trans., 1980, 460 Hrs.	$14,900
• Ford 8600 Diesel 110 HP, Dual Power Trans., 1976, 1,620 Hrs.	$12,500
• MF 2705 Diesel 120 HP, 24-Spd. M.P. Trans., 1978, 1,270 Hrs., Cab w/Air and Heat	$23,200
• MF 165 Diesel Tractor	$4,800

COMBINES

New MF 550 and 850 Combines In Stock Has 9.9% Finance For 4 years or Waiver of Finance Till Dec. 1, 1983

New MF 1143 & 1163 Cornheads In Stock with 9.9% Finance or Waiver Till Dec. 1, 1983

USED COMBINES

• MF 410 Diesel w/Cab, Quick Attach 13 Ft. Grain Table, w/MF 44 4-Row Cornhead	$10,900
• MF 44 Wide-Row CORNHEADS	$1,500 to $3,800

HAY EQUIPMENT

MF Square Balers Have 9.9% Financing Or Waiver Till March 1, 1984

• New MF 120 Baler, Less Thrower	In Stock
• New MF 128 Baler and Thrower	In Stock
• New MF 39 Wheel Rake	$1,995
• *Gehl 1450 Round Baler*	$9650
• GEHL New Style 9 and 12 ft. Mower Conditioners in stock	
• New Gehl 3 point wheel rakes	$850

TILLAGE EQUIPMENT

• New MF 345 Mounted 3x16 Hyd. Reset Plow	$2,275
• MF 82 - 4x16 Mounted Trip Bottom Plow	
• MF 880 Plow, 6x18 Semi-Mounted Hyd Reset w/On Land Hitch, Used 150 Acres	$7,500
• New MF 520 Disc Harrow, 12 Ft. Wide, 20" Disc Blades, Includes Scrapers	$3,475
• Used Glencoe 5 Tooth Soil Saver	$3,600
• Glencoe 7 tooth soil saver long frame demonstrator	$5,850
• MF 4 row tool bar cultivator with gauge wheels	$1,200

SKID LOADERS

• New Gehl 4510, Ford water cooled engine, flotation tires, fork and bucket	$13,500
• Used Gehl 4500, Ford water cooled engine, 1979 w/bucket & fork	$8,800
• Owantonna 310, 14 HP	$3,600
• Used John Deere 125 Diesel, 1979, watercooled 40 HP, w/bucket and fork	$9,100
• Used Gehl 4400 gas water cooled (1976) with bucket and fork	$6,500

FORAGE EQUIPMENT

• New Gehl 1000 harvester	In Stock
• New Gehl 750 harvester	In Stock
• New Gehl 99 blowers, priced to sell	$2,575
• New Gehl 9 ft. mower conditioner	$5,875
• New Gehl 960 forage wagons, 3rd beater, roof, 16 ft. long, 10 ton gear, priced at	$6,400
• Used EZ 16 ft. x 6 ft. sides w/roof and 3rd beater *10 ton gear and 11Lx15 tires*	$3,000
• Used EZ 16 ft. x 6 ft. side w/roof and 3rd beater 8 ton gear	$2,500
• Used IH 830 forage harvester w/2 row corn head and 6 ft. hay pickup, good condition, late model	$7,500
• Used Gehl HA 1000 hay pickup, 4 bar pickup, 6 ft. wide w/gauge wheels	$1,200
• New Gehl 640 6x14 box forage box with roof and 3rd beater	$3,595

MANURE SPREADERS

• New Hawk-Bilt 2155 tank Spreader, 152 cu. ft., 676 gal.	$4,500
• Used Hawk-Bilt 187 tank Spreader	$995

MISCELLANEOUS

• New Brady CHISEL PLOWS 7 tooth	$1,125
• Used SCRAPER BLADE 3-point, 6 ft. wide, like new	$275
• New Little Giant ELEVATOR, 34 ft.	$2,100
• New Century SPRAYER, 500-gal. tank, 42-ft. boom	$3,400

GRINDER MIXERS

• New and Used Mills Have Delayed Payment Till Oct. 1, 1983

• New Gehl 100 Mix-all	In Stock
• New Gehl 135 Mix-all	In Stock
• Used Gehl 120 Mix-all with scale and 7½ ft. folding auger	$5,800

GRAIN DRYER

• Moridge Model 275, 275 bu. batch dryer	Sale Price $6,400

GEHL OFFERS DELAYED PAYMENT PROGRAM TILL APRIL 1, 1984 ON SOME MACHINES. CALL FOR DETAILS

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REBATES AVAILABLE IN ADDITION TO THESE LOW, LOW PRICES!

IH 1350 GRINDER MIXER, 150 Bu., All Hyd. Controls. **Old Price, Less Rebate**
IH 4500 VIBRA SHANK FIELD CULT., 12½ Ft. ..... **Old Price, Less Rebate**
IH 5513 CHISEL PLOW, 3 Pt., 13 Ft. ..... **Old Price, Less Rebate**
IH 5507, 3 Pt., 2 Rank ..... **Old Price, Less Rebate**
IH 730 VARI-WIDTH PLOW, 5 Bot., Demo ..... **Old Price, Less Rebate**
IH 415 PACKER MULCHER, 10'2 ..... **Old Price, Less Rebate**
IH 415 PACKER MULCHER, 13'2 ..... **Old Price, Less Rebate**
IH 475 DISK HARROW, 11'6, 7½" Spacing ..... **Old Price, Less Rebate**
IH 6013 CONSERTILL, Rental Unit ..... **Old Price, Less Rebate**
INT. No. 14 AUTO. RESET SUBSOILER,
7 Shank, Demo. ..... **Old Price, Less Rebate**
IH No. 10 SUBSOILERS, 8'3, 11'9 and 15'4 ..... **In Stock Ready To Deliver**
IH 1190 MOWER CONDITIONER, 9 Ft. ..... **Old Price, Less Rebate**
IH 4130 SKID LOADER, Gas, Demo. ..... **Call For Price**

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NEW 30 and 50 SERIES TRACTORS
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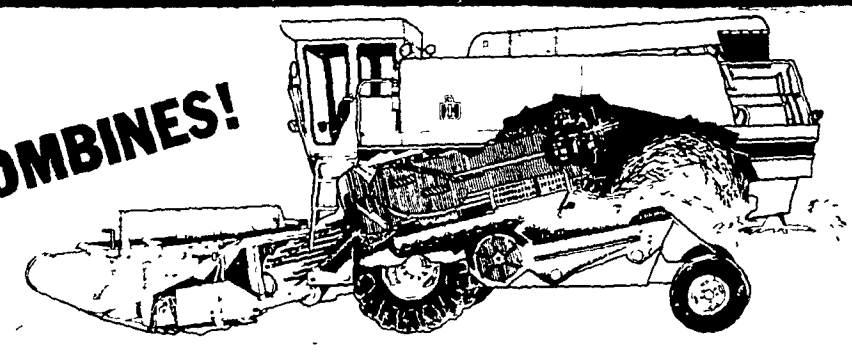
COMBINES!



★ IH 1460 Axial Flow Combine In Stock, DEMO - Special Allowance Available
★ IH 1420 Combine - In Stock
★ 963, 944, 943 Heads In Stock!
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★ 810 15' Cutter Bar (Old Price!)

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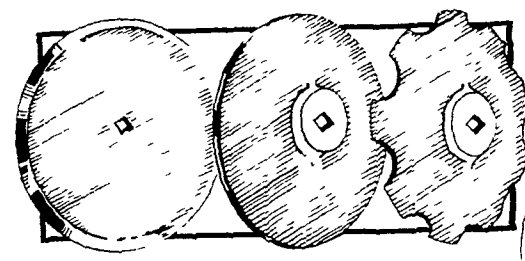

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EARTH METAL DISKS:
60% Stronger!
20% Longer Life!

New!

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

New For 1983...	New For 1983...
18'7" - 7½" Spacing, Cushion Gang - Model 496	22'2" - 7½" Spacing, Cushion Gang - Model 496

Others In Stock...
19'1" - 9" Spacing, Regular Gang
19'1" - 9" Spacing, Cushion Gang
22' - 9" Spacing, Regular Gang

EARTH METAL

CALL US FOR IH DISK HARROW PARTS IN STOCK!

USED EQUIPMENT

Most Used Equipment Avail.
At 11.9% A.P.R. Plus
Waiver of Finance

TRACTORS:
(2) IH Farmall "C"
Int. F12 w/cult.
Int. 400 Farmall, Real Nice!
IH 806 Diesel
IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - ~~$16,500~~/Now $14,500
IH 560 Gas, 400 Gas
MF TO-30 w/Turf Tires
MF TO-30 w/Ag Tires
MF 33 w/3 pt. Hitch

COMBINES:
715 Diesel Hydro w/13' Floating Cutter Bar
844 Cornhead, Like New
810 13' Cutter Bar
MF 410 Gas, w/34 Cornhead & 13' Platform
FKS Gleaner Diesel 4 Row Wide, 12' Platform
MH 35 SP 8' Platform, Fair Shape

IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

TILLAGE:
Pittsburg 9'1" and 11'6" Disks
JD 4 Bot. Mtd. Plow
JD 3 pt. 3 Bottom 14" Plow
JD TO 310, 32 Disk, Real Nice
JD 110 12' Disk, Good Shape
IH 370, 350, 37, 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot. Semi-Mtd. Plow
IH 11' Trailing Chisel
IH 700, 5 Bot., 18" Plow
IH 700 6 Bot. 16" Plow
IH 550 5-Bot. 16" Semi-Mtd. Plow
IH 540 4-Bot. 14" Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 311 Fast Hitch Plow, 3 Bot.
AC 1-Bot. Trailing Plow
MF 3 pt. Mtd., 3 Bot. Auto Reset Plow, like new
Glencoe 12' 9 Soil Finisher — ~~$3,950~~ — ~~$3,750~~ — $3,650
Vicon 10' Power Harrow — ~~$2,500~~ — ~~$2,300~~ — $2,200

PLANTERS:
IH 510 21x7 Grain Drill
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
(2) *JD FBB 17x7 DD*
IH No. 10 13x7 Plain Drill
IH 510 16x7 DD, Comb. Drill, Real Nice!
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill

HAY & FORAGE EQUIPMENT:
MC 60 2-Row Shredder, Like New
IH 105 Forage Wagon, Rebuilt
IH No. 51 Forage Wagon
#8 Flail Chopper, Like New
33 NH Flail Chopper
JD 115 Forage Wagon
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
Badger TA-54 Blower, Like New
550 IH Chopper
1014 Hesston Mower Cond.
NH 770 Chopper, 2 Row Wide & Pickup
IH 27 Baler w/Thrower
IH 440 Wire Baler w/Thrower
New - 451 NH 9' 3 pt. Hitch Sickle Bar
Kuhn GF 452 4-Star tedder, Nice Shape
5026 Elec. Wheel, 8 ton Gears

LAWN & GARDEN
16 HP Simplicity w/Mower
JD 70 Rider w/Mower
AC B112 w/Tiller & Mower
Ariens 10 HP w/Mower
IH 127 Hydro w/Mower

MISCELLANEOUS:
Used CP Model 250 Rotary Vane Air Compressor w/IH 282 Diesel Engine Mounted on CO 1600 Int. Truck - ~~$3800~~ — $3,650
Int. 2000 D. Single Axle Truck Tractor, 10 Speed, Road Ranger - ~~$4500~~ — $4,350

MATERIALS HANDLING:
IH 1150 Grinder Mixer
Farmhand Loader for IH 74 Series Tractor
157 Hawk Bilt Spreader - $995
NI 12A Ground Drive Spreader
NI 212 Spreader, PTO, flail type
200 Gal. Century Sprayer, Piston Pump

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★ Northwestern Skid Loader - Model S71 Gas - Demo, In Stock At Special Price!

We're An "XL" Dealer!

TRACTORS AND EQUIP. JUST PURCHASED (New A.C. 8050 P.S. w/radial tires, used JD 4440 C.A., P.S., looks like new. Farmall 86 CA, 20x38 tires, clean. Used AC 7060 (SOLD) cab and air; JD 4630 cab, air P.S. w/front whl. drive; JD 2020D (SOLD) w/Hi & Lo. Farmall 766 original; Ford 4000 w/loader; Ford 640, MF 300 diesel combine w/cab and air grain and 3 row C.H. (nice); NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; NI 279 cut/ditioner; JD 310 Disk, like new; 15 ft. (SOLD) bat wing mower) FROM 5 FARMS Farmall 1566 C.A. w/20:8x38 factory duals is in field working for sale field ready, Case 1370 C.A. PS - factory duals and full wts., field ready. JD 4010 D.W.F. Dual Hydraulic, AC, 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new, JD 4430 C.A. Q.R. Used JD 4640 C.A., P.S. w/duals. JD 5020 nice original w/dual wheels. Farmall 966 original for 9800. Farmall 504 original w/P.S. and 3 pt. Int. 674 w/loader. Oliver 880 W.F. fully equip. JD 4020 D.W.F., P.S. Dual Hydraulic White 4-150-4 Wheel drive, fully equip. for $12,500.00. JD 4010 gas, 4020, 2630 w/146 loader, JD 2840, JD 430 utility w/loader; JD 60; Farmall 1086, 1066 w/cab & air $12,800. Int. 444 utility gas, w/P.S. for $3850. Farmall 1066 for $9950. Farmall 1586 C.A. w/20x38 duals used 1200 hrs. extra nice, Farmall 656 gas. 706 gas, Case D.B., 990

Hay eq. just traded, used NH 320 baler, Rakes, new NH 256, MC 9E Rotary Scythe.

New Holland 1034 Auto-Bale Wagon used 3 yrs. NH 1010 auto bale wagon 76 bale cap. used J.D. 3960 Harvester.

18 ft. hay bale wagon on 8 ton running gear.

(TRACTORS AND EQUIPMENT) Just Bought. John Deere used 2940 (SOLD) w/R.G. like new, 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. New Ford 7600 w/front whl. drive, JD 4020D W.F. P.S. 2640, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 886 w/cab, like new; 1206 extra nice, 756D W.F. original, Int. 674 Utility D. N.H. 363 tank spreader 1 yr. old. CHISEL PLOWS- new Ford 13-15-17 ft. 3 pt. w/gauge whls. HAYBINES- (new) Int. 1190 List $8900. Our Price $6450. only 1 left. New Gehl 1090 for $4850. New NI 272 cut/dittoner- $3450; Used NH 489-$4000; Used NH 489-$3875; Used NH 477 used 85 acres, like new N.H., 479. Used ID 1209-$2475; New & used Grim 4 star hay tedders.

(Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.

New AC 7010 w/20 sp. trans., Farmall 686D, MF 1805 4 whl. drive fully eq. for $16,500. White 4-180 4-whl. drive, fully eq. $16,500. Used 966-1 owner original, 1972 JD 4020, 3020 S.C. power shift, JD 4020 S.C. w/cab, 1968 JD 4020. Used Case 2090, MF 1135 w/cab, Ford 3000D. Farmall 350 w/P.S. and F.H., Farmall 450 gas PS and F.H., Ford 6000 Commander D, comp. rebuilt.

Balers (new), NH 315 w/#75 thrower for $9300. NH 280 w/hydraulic tension and thrower in field working. New Idea #456 round baler, (new), NI 404 wheel rakes $985.

(Combines on our lot)

1977 JD 4400 Dsl. CA real nice like new; JD 8820 fully eq. w/4 whl drive and dual wheels used 450 hrs. like new. New JD 4420 fully equipt. 443 C.H. New Holland TR 85 w/grain and 6 row C.H. like new. Int. 1460 axel flo fully eq. w/both heads IH 715 w/German motor used 400 hrs. like new. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn, 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner KKS cab & air w/grain, 1976 Int. 915 grain head $19,900, 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510 hydra. w/grain and corn.

Used 1980 JD 8820 fully eq. w/843 corn head real nice.

MF 510D w/cab, Quick Tach grain for $6950. Case 960 w/cab and grain, real nice.

1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

Late model Int. 303 w/cab, 1972 Gleaner F w/grain & C.H.

JD 6600D combine w/flex grain and C.H., AC 90 pull combine.

MF 410D w/Q.T. grain, J.D. 40 sq. back w/10' grain.

NI 702D w/cab $6200. NI 702 w/729 A sheller.

JUST TRADED- used Int. 3588 2+2 Int. 986 w/cab, 886 w/cab, 1066, Farmall M w/NI 319 mtd. picker. (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. JD 7000 4 row planter. NH 276 Baler (SOLD) w/thrower, Forage Wagons.

NH #8 Tandem Axle, JD 216 - tandem axle. Lamco Forage Wagon- 18 ft. Hay wagons w/8 ton running gears. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.

Just Purchased (new) 2 NI 323 cornpickers at old prices. (new) NI 272 cutditioner.

Used Fahr rotary 7 ft. haybine. Used 14 ft. (SOLD) packer JD 340 12 ft. offset disc, Glenco SS9 Soil Saver, JD 210 14 ft. Disc, JD B 16DF w/grass seed drill, Glenco SS13 Hydl. fold Soil Saver, Hesston #30 Stakhand.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.

New John Deeres 4240 cab & air Q.R. for $29,900; New JD 4440 C.A. QR w/radial tires. Six real nice balers, NH 851 Round Baler (nice); JD 500 Round Baler; Hawk Built round baler.

3 used NH baler w/throwers #280, 269, 268.

Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, used White 706N C.H. NI 738 and 728 4 row 30"

(New Farmalls) 5088 fully eq., 3688 fully eq.

(Used Farmalls) 986 w/cab, 686 nice. 706 gas, 806 diesel w/cab original- Nice. 1206 real nice, used JD 4230 w/R.G. and creeper gear, 1966-4020. We have 6 JD 4020 side console diesels. JD 2440 w/R.G., JD 2640, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer, 1972 JD 4020D, WF. JDA w/P.S. & loader. Farmall H, Ferguson 35 original.

TRACTORS AND EQUIP. New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 325 picker w/super sheller, Farmall 706 w/310 German D w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, MF 1105 w/cab, real nice, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder Mixer, like new.

NI 325 pickup w/12 roll bed used 4 yrs.

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 4320, Farmall used 986 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

JD 4020 W.F. power shift, good tires; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, 1 Case 930 Standard, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS - Used N.I. 325 w/12 roll bed current moded. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323, 324, #10.

JD 4020 w/58 Loader, JD 4320 w/cab.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel. 756, Cub Cadets 1650, 1450, JD 300, 210, 112, Farmall cub w/mowers.

Cub 154 Lo-Boy.

HARVESTERS. N.H. 770 w/2 row, Used Int. 720 - 2 row. NH Super 717 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H.

Gehl 400 w/2 row snapper head W.N. and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800.

ALLIS CHALMERS AC 7060 cab (SOLD)& air, AC 185 w/turbo. 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.

JOHN DEERE Used JD 4030, 5020 tractor puller.

2 JD 4 wheel drives 8630 fully eq. w/duals; 7520 fully eq. w/duals.

JD 4010 LP Gas (nice) $3750.

FARMALLS: used 1086 w/cab, air, 1 owner-looks like new, 20x38 tires for $19,500, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. Farmall 400 gas w/P.S. F.H.

New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.

Dealers net $23,700. Our special price $21,850.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON - 2805 24 spd. w/duals nice, 2 MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 165D.

(Case) New 2090 Cab & Air, power shift. Case 1030D for $5700. Case 830 W.F. and 3 pt. Case D.B. 1200 for $3900. D.B. 995D, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, 1855 w/dual wheels, Ford 3000D, MM Vista 1000 w/cab and loader, MM S670 diesel.

JD 2510 gas.

N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellsers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads

IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new, JD 555 Loader. Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader.

AC 600-21 ft. forklift.

Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.

Ford 340 skid loader.

TRACTORS W/LOADERS - JD 4020 W.F. w/58L.

Mechanics Specials.

Case 1030 Needs Trans. work. Case 1410 motor. Farmall 706 gas needs trans work.

PLANTERS JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for $6850.00, JD 1460 6 row no-til liquid plateless Inst. - $1975, JD 6 row conservation inst. fert. fill population monitor and acre fully equipped Used White 5400 4 row air, w/dry, inst. no til and monitor for $2000.

JD 444 corn heads from $2450 and up.

Cabs for JD and Int. Tractors.

Glenco 12 ft. 9" Soil Finisher like new.

JD B grain drill 14x7 w/grass seed $575, Farmall 560 w/Int. 234 mtd. picker, $3775.00.

Planters - Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor $2875. pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - NI 214 nice, NH 510 (SOLD), NI 14A, JD 54, NH 346 tank spreader, 2-Int. 200 ground drive, exc., NH 27 & 28 Blowers, Kawannee 12 ft. roller harrow, good.

H.N. 36 & 33 Flail choppers.

PLOWS - JD 2500 6x sp. reset, JD 5x hyd. Int. #700 5X auto reset, fully eq., White 5x auto reset, 2 rollover plows - Int. #140 - 4x18, Oliver 4x16 rollover plows, Chisel Plows, JD 10 ft. pull type, Brillion 10, 12, 13 ft. 3 pt. Chisel Plows. Brady 10 ft. chisel plow Rockland rock picker. New Johnson loader.

Brillion 3 pt. 5 Shank Sub Soiler, NI and JD wheel rakes, 2 Used Gravity Bins on running gears.

Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.

JD Disks- TW 12 ft. heavy disk; White 252 - Dual wheel disk. JD 65 & 66 blower. Woods 4 row stalk shredder.

Used JD 400 15 ft. rotary hoes, Kawanee 22 ft. Wing Disk, Int. #510 24x7 DD grain drill-nice.

Int. 510 18x7 S.D. w/grass seed.

JD 8300 21x7 DD grain drill.

2 Ontario grain drills on steel wheels w/disc openers nice. NH 268 baler w/thrower, 2 Ford 3 x 3 pt. plows.

Loaders - Used JD 146, MF loader for 1105, New G.B. loader, M.F. loader for 590 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

Int. front whl. drive attch for 56 & 66 Tractors.

No Til Attachment for Int. 4 row 400 planter complete.

TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.

(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

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Nights Phone: 717-866-7147 or
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NEW 1983 TRAILERS ON SPECIAL
- 1 Axle, 2 Ton $1150
- 2 Axle, 4 Ton $1350

RUBBER TIRED LOADERS
JD 544B $28,500
OMC 770 . . . . $16,500
Michigan 55 . . . $8500
Prime Mover
LD50 . . . . . $12,500
Hough HM - As Is $2500

BACKHOES
Parsons $5950
Case 580B . . $12,500
Ford 4500 . . . $10,500
Ford 5500 . . . $12,500
White 4-80 . . . $16,500
Long 5 in 1 . . . $16,500
(2) IH 3400A . . . $8950
IH 2504 . . . . . $6950
IH 3820 . . . . $16,500
MF 70 . . . . . $16,500
IH 3414 . . . . Coming in

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IH 3141 . . . . . $2000
Sherman. $650 $2000
JD 93 . . . . . $3500
JD 93A $4900
Case. $1750 & $2500
McConnell $2200
Long - New $4250

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(2) Ford 600 . . . $3650
MF 20C $5950
Ford 8N $2450

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Cat 955K . . Coming in
Cat 933 . . . . . $8500
Cat 951B $19,500
Oliver OC6 . . . . $2950
JD 350 . . . . . $5475
JD 350B w/Backhoe . . . $18,500
Cat 977K $23,500
Cat 977L $49,500
Oliver OC3 . . . . $2950
Cat 941B $19,500
JD 350 w/4 in 1 . . . . . $8950
Case 350 . . . . $8950
IH 340 . . . . . $4500

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OMC 1700 Diesel $6500

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Old Cat D8 . . . . $2000
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(2) Mack 25 Ton Rock Trucks. . . . . Call
(3) Mack 20 Ton Rock Trucks. . . . . Call

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1 Ton Roller . . . $1000

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1978 Freuhaut - 42' Flat $7500
(2) 1979 Strick - 40' Flat $7000
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Int. 7000 - 21' $10,500
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706 w/Cab - Gas $5000
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806D - WF - 3 pt. - Duals - Wts. $7950
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Cub w/Fast Hitch $2450
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8700 Cab - Air - 1977 .... $13,950
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(2) 600 w/Loader ... Choice $3650
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(2) 6000 ..... Choice $2650
(4) Antique Fordsons ... $800 & up
8N w/Loader. $2450
8600 - 1974 ..... $8950

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VAC - Nice $1250
580 CK w/Loader & 3 pt. ... $6950
(3) 930 Standard. ..... From $2500
1270 w/Cab - P. Shift - Nice . $9850
995 - 1979 - 500 Hours $9450

"6" 4 WHEEL DRIVE TRACTORS From 65 HP to 200 HP

MF 1805 - Cab - Air - 3 pt PTO - Duals - Nice - 1500 Hrs. .. $16,950
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(4) NH Super 717 ..... From $1750
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Gehl 800 w/2 x 30 ..... $6500
Fox ..... From $1000
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100 EXTRA HARVESTER HEADS
PICKUPS - CUTTERBARS - CORN
FOR ALL MAKES

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JD 410 Round Baler $5850
Hesston 5600 Round Baler $4850
Gehl 1500 Round Baler $4500
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(3) JD 14T .. $500 & up
(2) NH 66 ..... $795 & $895
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JD 4400 ..... $1250
IH 815 w/Air ... $1650
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NH 975 ..... $850
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(1) Used For AC 190XT $1000
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(1) Used for IH 66 ..... $1500
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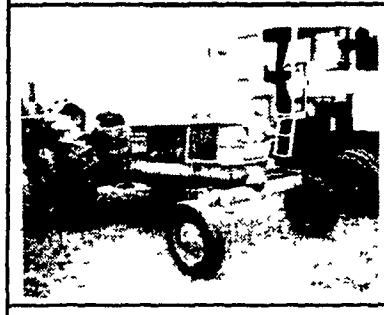

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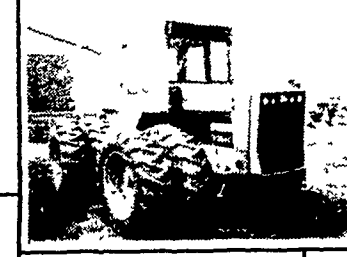

1976 MF 1805
195 HP,
1,500 Hrs.,
Cab, Air,
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$16,950

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AC 630-430-330
Oliver 703N-531-541-704N
MF 63-43-33-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30-4x30

WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512-
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

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JD 7700 D - Fire Damage $6900
JD 4400 - Nice - Rotary Screen. $17,900
JD 45 SB w/2 Hds. $6950
MF Super 35. .. $4950
IH 82 Pull Type. $3500
JD 4400 ..... $6750
702 Uni System $2750
JD 45 SB $6950
Case 660 - Nice $6950

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Hesston 10W & 30
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1 Row to 4 Row
Lots of Makes
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701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
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3x30 Chopper Head
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3x40 Corn Head
760 Chopper
717 Combine
702 Tractor w/cab

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6-8-10-11-12 Ton Gears ..... $425 & Up
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Lely 13' Roterra
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Lime Drills
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GT 270 Dryer .. $3500
Mc 600 Dryer .. $3500
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JD 1500 Power Drill

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11'-12'

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New & Used
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32' to 40' - $695 & Up

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SHOP EARLY FOR GOOD SELECTION
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JD 2x40 ..... $2450
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- 6' 3 pt. Landscape boxes $475
- 6' 3 pt. disc's $495
- 7' 3 pt. disc's $695
- 3 pt. fert. seeders ..... $275 & $395
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- 3 pt. P.T.O. woodsaws $495
- 3 pt. 12" Post Hole digger $450
- 165 bu. gravity bins $475
- 210 bu. gravity bins $565
- 1 x 3 pt. plow $295
- 2 x 3 pt. plow $495
- 3 pt. bale mover $150
- 3 pt. potato plow $95
- 3 pt. subsoiler $150
- 3 pt. spike harrow. ..... $500 & $600
- 6 ton wagon. $425
- 8 ton wagon w/goodies $575
- 10 ton wagon w/goodies $625
- 11 ton tandem w/goodies $950
- 12 ton wagon w/goodies $950
- 4' 3 pt. rotary mower $485
- 5' 3 pt. rotary mower $495
- 6' 3 pt. rotary mower $695
- 4' pull rotary mower $675
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- 6' pull rotary mower $895
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USED TRACTORS

- '67 JD 4020 diesel, wide front
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- (1) '78 4240 cab, quad range, transmission, 18.4x38 tires, low hours
- '76 JD 8630, 4WD w/dual 30.5x32 - 24.5x32 dual tires, 3765 hrs., nice condition
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- '75 JD 4430, cab, air, synchro transmission w/creeper gear & dual 18.4x38 tires
- '59 AC D17 Diesel
- '69 Oliver 1850 Diesel
- TO-30 Ferguson
- 8-N Ford

CORN PLANTERS

- '82 AC Model 333, 15-20" Row, No-Till Bean Planter, Dry Fert., Insecticides
- JD 7000 8-30 Dry Fert. No Till Coulters Insecticides, Monitor
- IH 6-30 air planter
- JD 1250 plateless

USED CHISEL PLOWS

- IH 13', 3 Pt.
- Graber 26" Flex

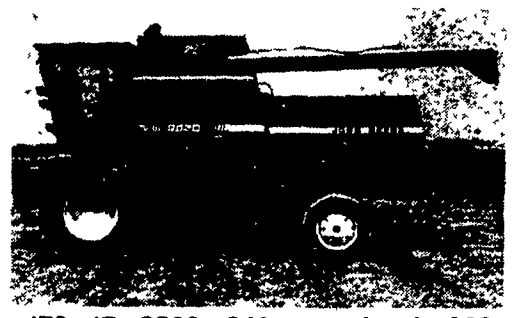
USED PLOWS

- JD F145 - 5-16 Semi Plow
- JD F145 - 5-16 Semi Plow w/harrow attachmant

USED COMBINES

Waiver of Interest till Sept. 1, 1983

- '72 JD 4400 - 14 Ft. Platform
- '75 JD 6600 Rotary Screen, 15 Ft. Platform
- '71 JD 7700 - 220 Flex Platform
- '74 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '79 JD 7720 - Mud Hog Drive, 216 Platform
- 68 JD 95 Diesel, Corn-Bean Special w/Intermediate Feeder House, 14' Platform



- '79 JD 8820, 843 corn head, 220 flexible cutter bar

'81 JD 8820 4 wheel drive, factory duals, 1100 hrs., w/1243 corn head & 220 flex cutter bar, exc. shape

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Good Selection of John Deere
343-443-444-643 Cornheads

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- JD 653 row crop bean head
- JD RG4 cultivator
- JD 46 loader
- JD 27 flail shredder
- Brillion 3 pt. 4 row cultivator
- JD BWA 14' Disc Harrow
- M&W 450 grain dryer, PTO dry
- JD 210 14' disc harrow
- JD 38 Harvester w/2 RW Head
- JD 38 Harvester, Electric Controls, w/2 RW Head, 5½' Pickup Attachment
- JD RG8 Cultivator, 8-30" Rows
- MF Sickle Bar Mower, 3 Pt. Hitch
- JD 1210 Grain Cart 400 Bushel

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Complete
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A.C. and Wisc. 2 and 4 cyl. power units with or without clutch reduction.

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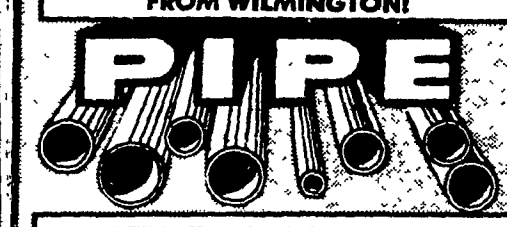

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Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
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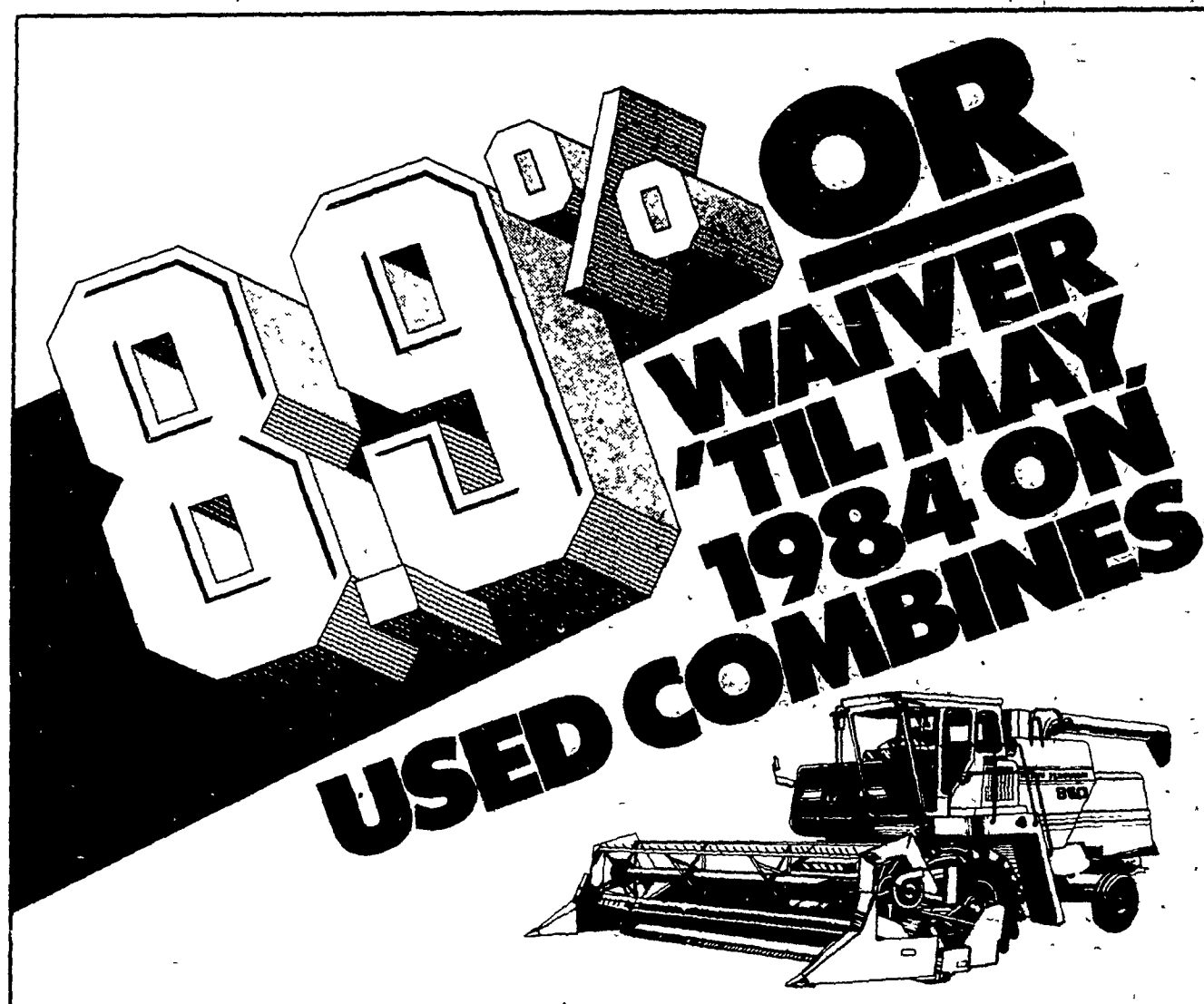
FARM EQUIPMENT



- 8.9% APR financing from MF — PLUS $500 MF Purchase Certificate good on MF parts or subsequent MF equipment purchase
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Down payment and qualified credit required.

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1980 MF 760 V8 15 ft Grain & 1163 Corn Head	$62,000	1972 MF 300 gas with cab	$10,500
1978 MF 760 V8 w/rear Wheel Drive & grain saver	$48,000	1971 MF 410 gas with cab	$8,500
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1977 MF 750 Hydro with grain saver	$29,000	1972 MF 510 diesel with cab	$8,500
1977 MF 510 Hydro cab w/air condition	$19,000	1971 MF 510 diesel with cab	$12,500
1976 MF 750 gear	$26,000	1972 MF 510 diesel with cab	$12,000
1976 MF 750 hydro	$19,500	1972 MF 510 diesel with cab	$12,500
1976 MF 750 hydro with straw chopper	$29,000	1969 MF 510 diesel with cab	$12,500
1975 MF 510 gear air conditioned cab	$19,000	1968 MF 510 diesel with cab	$10,000
1975 MF 750 hydro	$22,000	1968 MF 510 diesel with cab	$15,000
1975 MF 750 gear with grain saver	$26,000	1968 MF 510 diesel with cab	$13,500
1975 MF 760 hydro	$26,000	1967 MF 410 diesel less cab	$6,500
1975 MF 760 hydro V8	$29,000	MF 300 gas	$3,500
1975 MF 300 gas cab like new condition	$15,000	IH 203 w/corn & grain head	$3,000
1974 MF 760 hydro	$25,000	Gleaner "A" gas	$2,000
1973 MF 760 hydro	$24,500	JD 45	$2,100
1973 MF 750 gas gear drive, excellent condition	$17,000		
1972 MF 510 gear with cab	$12,500		
1972 MF 510 gear with cab	$10,500		

Above Combines include Grain Tables Less Corn Heads

Three 10 ft; four 13 ft.; six 14 ft.; eight 15 ft., five 16 ft. Grain Heads nine 2 row 38"; fifteen 4 row 38"; six 4 row 30"; eleven 6 row 30"; two 8 row 30" Corn Heads

MF Massey Ferguson
Your Business Machines

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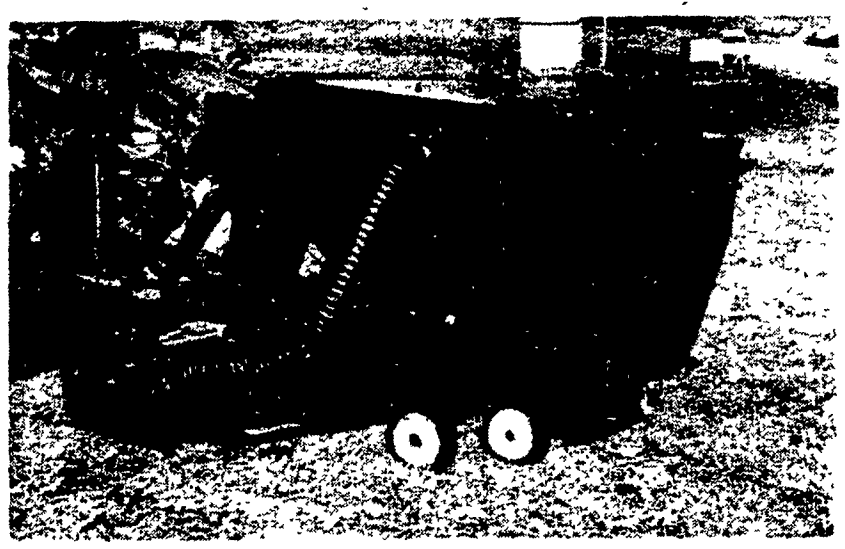
ESTATE

48", 60" and 72" REAR MOUNTED ROTARY MOWER
With GRASS CATCHER ATTACHMENT



- Grass Catcher and Leaf Catcher
- All Steel Construction
- 17 Bushel Capacity
- Semi-Mounted Hopper floats independently of mower
- 14" Blower Fan

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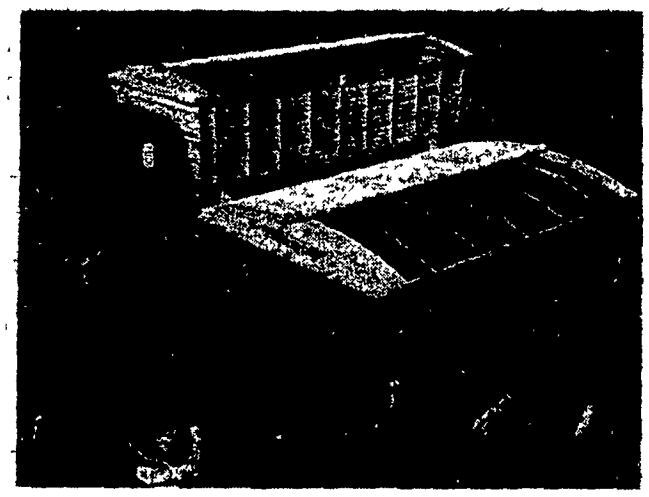
WE WIL TRADE YOUR OLD MOWER

ROLL IT ON ... ROLL IT OFF ... Midwest Coverall



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14, 16, 18 & 20 Ft. Models In Stock

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$795.00

1 PAIR NEW FIRESTONE 1100x16 - 6 Ply Tubeless Front Tractor Tires

$295.00

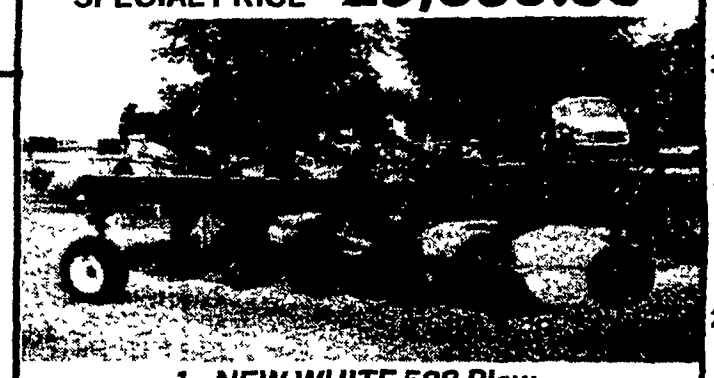
1 PAIR GOODYEAR 18.4x38 - 8 ply Radial Ultra Grip with Radial Tubes and Mounted on New 16" Oliver Rims, 99% Tread

$1695.00

SPECIAL PRICES ON NEW WHITE FARM EQUIPMENT

1 - NEW WHITE 2-75 Diesel Tractor
SPECIAL PRICE **$16,500.00**

1 NEW WHITE 2-88 Diesel Tractor
Cab & Air, 18.4x38 Rear Tires
SPECIAL PRICE **$25,000.00**



1 - NEW WHITE 588 Plow
5-18" Bottoms, Spring Auto Reset
Hydraulic Landing Hitch, 2 Cylinders
SPECIAL PRICE **$6,950.00**

BMB

THE NEW **ECONO-6** Rotary Cutter
6 pt. - 3 pt.

5 In Stock

- 3 pt. cat. I Hitch
- 1½"-12" Cutting Height
- 14 N Series Driveline
- 40 H.P. Gear Box
- 540 R.P.M.
- Shear Pin Protected

SPECIAL PRICE **$795.00**

USED TRACTOR TIRES

• 1 - Safemark 18.4x34 - 8 ply, 85% tread, with tube	$395.00
• 1 - Safemark 18.4x34 - 10 ply, 75% tread, with tube	$395.00
• 1 - Goodyear Traction Torque 18.4x34 - 6 ply, 50% tread, with tube	$195.00
• 1 - Good year 18.4x34 - 6 ply, 25% tread, with tube	$65.00
• 1 - Firestone 18.4x34 - 6 ply, 20% tread, with tube	$65.00
• 1 - B.F. Goodrich 18.4x34 - 6 ply, 50% tread, Age Cracks, with Tube	$65.00
• 1 - Goodyear Power-Torque 16.9x34 - 6 ply, 50% tread, with tube	$195.00
• 2 - Goodyear 13.6x26 - 4 ply, 60% tread	$100.00 ea.
• 2 - Firestone 15.5x38 - 6 ply, 75% tread with tube	$195.00 ea.

NEW & USED OLIVER TRACTOR PARTS

- 1 - 155720A Engine Block (Reconditioned) 1800 Gas & Diesel - Serial #124396 - 134683
- 1 - 166425A Engine Block (Reconditioned) 1650 - 1655 Diesel - Direct Injection
- 1 - 104305R Engine Block (Reconditioned) 880 Gas & Diesel
- 1 - 158544A Engine Block (Reconditioned) 1650 Diesel - Serial #147569 - 187585 1800 Gas - Serial #124396 & Up 1750 Gas
- 2 - 30-34000044 Cylinder Head w/ Valves 1750-1755-1855 Diesels, 5/8" Head Bolts
- 1 - 157159A Cylinder Head w/Valves 1800 Gas - Serial #90525-124395
- 1 - 102379A - Cylinder Head w/Valves 550 & 660 Gas
- 1 - HSA - 180 Cylinder Head w/Valves 60 Gas
- 3 - Adjustable Reg. Wide Front Axle Assy. 1550-1600-1650-1655
- 1 - Adjustable Reg. Wide Front Axle Assy. 1750-1755-1800-1850-1855-1900-1950-1955
- 2 - Adjustable Underslung Front Axle Assy. 1750-1755-1800-1855-1900-1950-1955
- 2 - Hydra-Power Transmission (Rebuilt) 1550-1600-1650
- 2 - Hydra-Power Transmission (Rebuilt) 1750-1800-1850-1900-1950
- 1 - Over/Under Transmission (Rebuilt) 1555-1650-1655
- 1 - Over/Under Transmission (Rebuilt) 1750-1755-1850-1855-1950T-1955
- 1 - Belt Pulley Assy. For 55 & 550

Call Paul Weaver For All Your NEW & USED Oliver Replacement Parts

We Will Ship UPS Daily, Mon.-Fri. At 4:00 PM

FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Road, Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271

Hours: Mon., Thurs. 8 AM - 8 PM; Tues., Wed., Fri. 8 AM - 5 PM; Sat. 8 AM - 3 PM

VISA

Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

Complete TA assemblies for 706-1586 are priced at $595 and come with a Dana Co. Heavy Duty Sprag instead of the usual IH sprag. **The Dana sprag is guaranteed for 2 years against failure.** Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons. Ramps and carriers for the older style TA's (as in SMTA, 340, 560) are priced at $150 each and carry a 90 day guarantee. We have all the parts needed to rebuild your TA in stock at prices that will save you money. We also have a shop available for complete TA installation Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx. 4-6 hrs.). We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears, (Spline-fit into pressure plates) for most IH tractors and combines.

— INTRODUCTORY LISTING OF NEW ACCESSORIES —

Easy-Shift Trans-Brake Control - fits 06, 56, 66, 86 and 2+2 tractors. Eliminates grinding, eases hard shifting, reduces wear, and installs easily in approx ½ hour Will work on tractors with or without TA Priced at $189, shipping included.

New 3 pt. Hitch assemblies - Now available for SMTA, 400, 450, 560, 544-656, 666, Hydro 70, 706-806, 1206, 56, 66, 86 & 2+2 tractors Also available for cat. II & III models. Prices start at $450.

Drawbars - O.E.M. replacement Fits 06, 56, 66 & 86 tractors. Standard - $125, Telescoping - $200. Center extension available for $85.

Top-Link Anchor Bracket - with oil fill & dipstick. Eliminates pouring oil through cab & platform. Available for cat II & III tractors. Priced at $90 and $100

Front Weight Brackets - For IH suitcase weights, fits 06, 56, 66 & 86 tractors. 10 wt. capacity - $90, 12 wt - $100, 16 wt. - $125, spacer blocks - $18.

— USED PARTS —

We buy and sell used parts and parts tractors. We have a good selection of quality used parts at competitive prices Please have part no. when calling, if possible.

Selling parts from the following:

Tractors - IH 1066, 806, 756, 706G, 656D, 660D, 460, 450D, 340, 350, 300, M, SM, H, W-D9c, W-6 & A. JD 520, 4020, 3010, 2020D, 60, A, B, Oliver 1650 G
Combines - IH 203, 303, 815-D, 407, JD 30 & 55, MF 35, MF 510 G Quick Tach, Uni- 701, 702 & 705 tractors, also 710 combines & 727 & 737 huskers

Dealer Inquiries Welcome

J. EDWARD LEAMAN
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Willow Street, PA 17584
717-464-2874

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

1978 JD 6600 Diesel w/Hydro., Air Conditioning AM-FM, Very Sharp, 1480 Hrs.
1975 JD 4400 Diesel Cab, Air and AM-FM, Sharp, 925 Hrs.
NI 818 Combine, like new w/840 quick tatch throat.
NI 844 4R narrow head
NI 715-S grainhead

JD 4430 factory cab & air, 38" rubber, quad range, good clean tractor
JD 4020 WF, year around cab, fully equipped
JD 4320 w/factory cab, 38" rubber fully equipped
JD 4010 Diesel, wide front
JD 4520, syncro range, factory cab, quick hitch, diff. lock, dual hyd , (also has 4620 after cooler up date kit)
JD 2120 Diesel, Utility, WF, 3 pt. SOLD
JD 730 Diesel, elec, start, wide front, 3 pt
IH 986 79 model, cab & air, diff. lock, sharp
IH 1456 w/cab, duals & weights, solid tractor
IH 1066 factory red cab and air, new TA and clutch.
IH 766 w/cab & air, fully equipped
IH 706 Diesel, good tractor
IH 826 German Diesel
IH 504 gas, WF
IH M Farmall
AC 200 w/yr round cab, dual PTO & hydraulics 18 4-38 rubber, 1700 hrs., sharp, local tractor
MF 85 Diesel, good rubber, 3 pt.
NI 702 Diesel power unit, late model, nice
MF 300 combine, quick tach w/2 heads
Dunham Lehr 6 row cultivators
Bush Hog mounted chisel, 3 bar.
IH factory red cab w/air to fit 966, 1066, & 1466.
IH & JD cabs (used)

Box 91 New Providence, PA 17560
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Evenings 717-786-4899

USED FARM EQUIPMENT

JD 4440 tractor, 145 hrs.
JD 4240, like new
JD 4430 w/duals
JD 2440 w/loader, 710 hrs.
JD L Tractor w/plow & cultivators
MF 205 Diesel Tractor
JD 1250 3x16 plow, like new
JD F125, 4x16, 3 pt. plow
18' Brillion transport harrow
JD F45A 5x16 semi-mount plow
JD 1450 5x16 semi-mtd. plow
Freeman loader for MF 135 tractor
Farmhand loader for JD 3010
JD 465 flail spreader, like new
JD 336 baler w/ejector
JD 24T w/ejector for parts, $475
JD 14T baler w/#2 ejector
NI 30' elevator
IH 56 corn planter w/disc openers
MM 32 blade transport disk harrow
JD 38 harvester
JD 494A Planter
White 5400 6 row N. no-till planter, 2895, as is
JD 8350 grain drill, dd openers, excell.
JD 8300 grain drill, dd openers
JD FB 13x7 grain drill
JD FB 17x7 grain drill
JD 506 3 pt. 5' rotary cutter
JD 444 corn head
JD 494 planter
JD 6620 sidehill combine w/15' flex platform and 6RN corn head
Badger Spreader

NEW FARM EQUIPMENT SPECIALS

JD 4440 Tractor
JD 2440 Tractor
JD 410 Round Baler
Call For Special Reduced Prices

JD Cash Rebate Available on all the above equipment
Please call for details

	L.P.	S.P.
JD 115 10' Disk Harrow	4533.00	3850.00
JD 950 Roller Harrow 12'	6133.00	5250.00
JD 90 Skid Steer loader	10,633.00	8495.00
JD 146 loader	3576.00	2750.00
3 point scraper blades. JD 115, 9'	1601.00	1225.00

PACE

NEUHAUS'ES INC.
John Deere Sales & Service
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Phone - 717-428-1953

Case GEHL HESSTON SAME

★ USED EQUIPMENT SPECIALS ★

USED TRACTORS
Case 870
Case 885 w/loader
Case 1070
Case 1030
JD 3010
MF 1085

USED SKID STEER
Gehl 2600
Gehl 3000
Gehl 4500 (1979)
Case 1740
Case 1830
Case 1845 Gas or Diesel
Case 1845 (1979) Exc. Cond.

USED WINDROWERS
Hesston 420
(3) Case 555's
PT10
IH 225 Self Propelled

USED BLOWERS
IH 56
Fox Blower
(2) Gehl 99
Oliver (Kools)

WAGONS
(2) Grove Wagons w/Hyd. Drive, 16'
Grove Wagon, 2 Beater, 14'

USED HARVESTERS
Gehl 3 Row Narrow Cornhead
(2) Gehl CB600's
Gehl CT300
Hesston 2000
Fox Super 1000
JD 3800

USED PLOWS
Ford 5-Bot. Semi Mtd. Plow
Case 308 3-Bot. Semi-Mtd. Plow (New)

USED BALERS
Hesston 5600 Round Baler
Gehl 1400 Round Baler
Gehl Bale Mover
Case 230 Conventional Baler w/kicker

UTILITY CRAWLERS
Case 750 Loader
JD 350 Track Loader

MISCELLANEOUS
Case 580 Backhoe
Sauder Loader For 8N
Cagle 500 Sprayer w/Monitor And Foam Marker
187 Hawk Bilt Spreader
5' Sidewinder Mower (New)

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa.
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SUMMER SIZZLERS

NEW IDEA	JD #115	NH #8	GEHL 920,
#603, 14'x4', 2 beater Case gear	3 beater, roof 10 ton gear	16'x6', 3 beater, roof, pintle apron on JD 12 ton tandem gear A1	3 beater roof, pintle apron, 12 ton tandem gear, A1
$895	$1800	$3900	$4500

NEW - Landoll Soil Conditioner 7 shank 8'9" cut $6100
NEW - Bush Hog 12' offset disk $6300
USED - 1845 G Uniloader $9900
USED - Case 1830 Uniloader, Excellent Condition $6500

USED EQUIPMENT

TRACTORS
'79 Case 1210 p.s.
AC 7080 Cab-Air-Heat
Case 1370 Cab-Air-Heat 24.5x32 Radio
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab

LOADERS
Uni Loader Broom
1845 G

NEW IDEA
206 Spreaders
325/314 Picker Sheller
323 Pickers
214 Spreader
218 Spreader

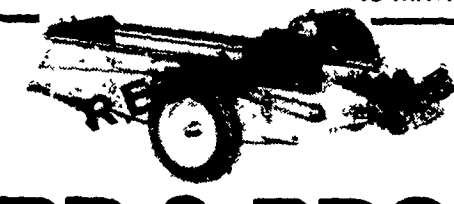
FORAGE
JD 65 Blower
Stauffer Forage Box
Fox HA Harvester
JD 3800 Harvester
NH 27 Blower
Hesston Blower
JD 115 Forage Box
Farmhand Rake

MISCELLANEOUS
Case 12' Disc Harrow
NH 371 Flail Spreader
Wetmore 878 Grinder Mixer
Bush Hog 12' disc

UNI-SYSTEM
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head

Waiver of Finance - Used Tractors - Dec. 1, 1983

206 GROUND DRIVE SPREADERS IN STOCK



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Case NEW IDEA GEHL Gets into your system BUSH-HOG

FARM EQUIPMENT

Authorized Service Center for Wisconsin Engines

FISHER ENGINE SERVICE

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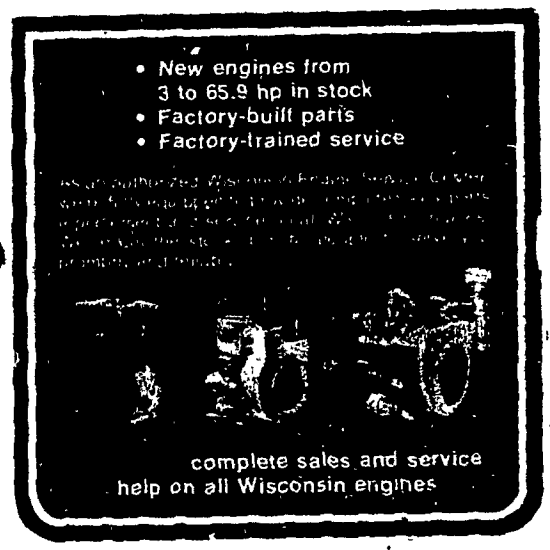
• New engines from 3 to 65.9 hp in stock
• Factory-built parts
• Factory-trained service
complete sales and service help on all Wisconsin engines

FARM EQUIPMENT

SALE

AVCO NEW IDEA

FOR SALE

Farmall Super M, SOLD
Ford series 250 PTO hay baler, $800
200 bu. gravity box w/6 ton Gehl gear, $800
NI 272 cutditioner excellent condition $2785
Taylorway model 200 217 disc harrow, 10' w/flex bearing hangers, 22" blades, new cond., $3550.
NI 218 spreader with hyd. gate, cylinder & hoses, flotation tires, Gratz chain, good cond., $4300
Dion 60" forage blower, good cond. $1385
N.I. forage blower, model 620, 54"fan, good cond. $875.
NH model 469 mowditioner, SOLD good cond.
NI #323 1 row picker, like new, 90 acres, $4,300

HEISEY FARM EQUIPMENT, INC.
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FARM EQUIPMENT

Dismantling Combines for parts over 200 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600.

COMBINES

IH 105, cab, grain & 2 row corn
Gleaner E 10' grain and 2R cornhead
IH 303 combine w/grain head
IH 203 combine w/cab and 10' grain head
Gleaner A2 w/cab & grain head
MF 300 w/quick tach, diesel, cab, grain & corn heads
NH 985 cab with quick-tach grain head

TRACTORS

Late JD A w/hydraulics
530 Case Backhoe
Oliver Super 77 w/hyd.
IH 856 Diesel, 3 pt., $6550
IH 706 Diesel, 3 pt., $3900
Farmall BN w/btm. plow & cult. $1050
IH 560 diesel, standard-type, 65 HP, makes good belt power tractor
IH 560 gas
MM G
VAC Case

TILLAGE

IH 12' drag disc, choice $185
IH 4 bottom 16" steerable plow, $775

MISC.

IH 105 grinder mixer, $1100
New bale thrower wagon
Sauder loader, $100
2-IH 5 btm. 16" steerable plows
2-JD 34 harvesters, choice $500
JD side mount mower
New J&M gravity flow box
JD 480 haybine
2-IH PTO mowers, $100 each
JD #8 3 pt. mower
IH loader, H or M, $225
JD 3 btm. 14" trailer plow, $150
3 pt. Hesston round balemover, $450
NH 717 harvester
Dump trailer will haul 12 T shelled corn, suitable for tractors 100 HP or over
IH PTO spreader, $375
JD unloading wagon
JD 1450, 6 btm., 16" plow, on land hitch, $1575
Selling parts off of Hesston 320 SP haybine
2 used bale wagons $750 each

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, WC, D17. Oliver 70 & 77. Ford 8N, Ford 6000D. Case SC & V.A.C., DC. Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts

KEITER'S FARM MACHINERY

R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574

FARM EQUIPMENT

450 JD Crawler, 6 way blade, Good cond., New Paint
4020 JD, WF, Dual Wheels, 38" Rubber, Dual Hyd. Dual PTO
656 IH, WF, PS, 18.30 Tires
MF 65 Loader & Backhoe
IH 340 Loader & Backhoe
580 C Case Loader & Hoe
7' Howard Rotovator

814-696-0868

IT'S HAYING TIME

New 16' wooden bale tacks - new, 18' steel bale racks, used Hesston Mower Conditioners. - PT 7, PT 10, 1090, NH 488, 477, 489 Haybines, IHC 990 7' mower conditioner, NI Cutditioners 7' and 9', AC B w/5' Side Mower, NH 451 Sickle Bar Mower, plus 40 or more used sickle bar mowers, 3 pt., fast hitch, mounted, semi-mounted & trailer, IHC 420 Baler, IHC 420 Baler, NH 269 w/thrower, NH 310 baler w/thrower, NH 276 Baler, IHC 425 baler w/thrower very good cond., Hesston 5800 Round Baler, Hesston 4500 square baler w/thrower, Hesston 10 stack hand, Hesston 3 pt. hitch stack mover, NH 1010 Stack Wagon, Fahr Hay Tedders, Grimm Hay Tedders, New & Used bale elevators, Farmec, NH, new Little Giant & Zimmerman hay & grain elevators. Side rakes NI, JD 660 w/Dolly wheel, NH 258, 259, NH, NH 701, 707, 717, 770 Forage Choppers, Gehl 300 chopper w/2 heads, Hesston 7020, 2000-150 choppers, Various Pick Up Heads, Gehl 72 Flail Chopper, used pick-up heads for NH 717, 718, 880, 890, JD 34, 35, 38, AC 780, Grove Forage wagon, NI forage wagon, Ford forage wagon, Gehl 3 btr. wagon w/roof, used Grove Lamco, AC and Dion 2 btr. chuck wagons, used forage blowers, AC, NH, NI, Kools, NI 1 and 2 row corn pickers.

USED TRACTORS

AC 7030 w/cab, 7000 w/cab, 190XT w/cab, 200, 180D, 175D, D17 Gas & Diesel, D15, B, WD 45, D15 Series II, 3 pt. w/loader, D19, JD 4320, 2510, 4020 Diesel, Power Shift w/cab, 2630 w/loader, 620 & 60 both w/power steering, 420, A, B w/cults., IHC 806, 706 Diesel, 656, 544, 504, Super MTA, 364 Diesel, M, H, 230, Super C, A, 140, 154 w/mower, Cubs, Cub Cadets, MF 265, 175, 165, 135, 65, 30, Ford 800, 5000 Diesel, 4000 Gas, 600, 8N, 4000 w/loader, 2000 w/loader, Jubilee.

LAWN & GARDEN

3 pt. - 1 btm. plows, IHC cultivators for Cubs-Super C's, Holland Vegetable Transplanter 2 row 3 pt., New Transplanter 3 pt. 1 row w/water tank, Model 90 Plastic Mulch layer, AC riders - B1 and Big 10 w/mower, 916 Hyrdro w/mowers, New Kubota riding diesel mowers, Roseman 3 gang mower, New and Used Mott Hammer Knife mowers, plus many NEW mowers Woods, Bush Hog, Kubota - and other equipment for the Home or Commercial Grower

INDUSTRIAL & TRACTOR LOADERS

Tractor Loader Backhoes - JD 500C, JD 350, Case 580, (2) AC 655 Crawler Loaders - one w/winch, Trojan 204 A Loader w/cab rear steering, JD 440 A Gear & Power shift Log Skidders, Great Bend 666 Manure Loader, Case 530 Loader, JD 401 A Loader w/cab & 3 pt. Hitch, IHC 3444 Loader w/3 pt., IHC 2050 w/loader, Royer top soil processor.

SKIDSTEER LOADERS

Bobcat 600 Gas, 611 Diesel, Gehl HL4400.

MISCELLANEOUS

FORD Power Unit PTA 510, Heavy Duty, John Beam 2 row potato harvester, JD 2 row potato digger, model 25, MGS Tandem Trailer, NEW Car Mate Car Trailers, Bushog 6' 3 pt. rotary mower, Ford 5 btm. semi-mtd. spring reset plow, Lamco Utility Trailers, used fields sprayers & NI 1 and 2 row corn pickers, plus wide selection of other Farm Equipment.

THIS WEEK'S MECHANIC SPECIAL
Farmall 706 Gas
w/Fast Hitch & Weak TA
$2875

CALL US FOR YOUR NEEDS

MARSHALL MACHINERY INC.

Sales and Service
AC, NI, HESSTON, KUBOTA
Located in Northeastern, Pa.
5 Miles East of Honesdale, Pa.
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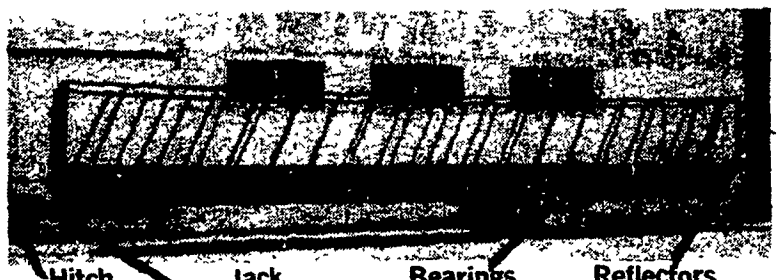
Phone 717-729-7117

ALL PURPOSE FEED TRAILER All Metal Construction



Hitch Slide away hitch to prevent cattle from injury
Jack Fold up bulldog for easy hookups
Bearings Tapered roller bearings for long lasting & easy towing
Reflectors SMV sign for safe towing on highways

* Length 24' & 30' + hitch
* Cattle can eat out of all 4 sides
* For feeding in pasture or barnyard
* Suitable for feeding cows, heifers, steers etc.
* Ideal for feeding from bulk silo or Ag Bag
* Easy to tow behind pickup or tractor.

Priced At
24' — $695
30' — $825

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Call Bob Miller
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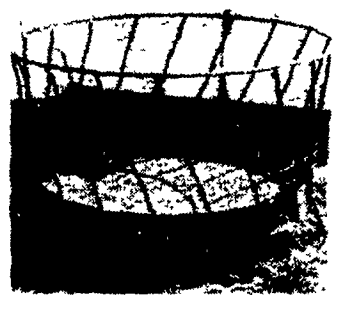
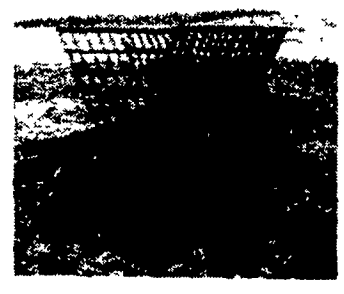
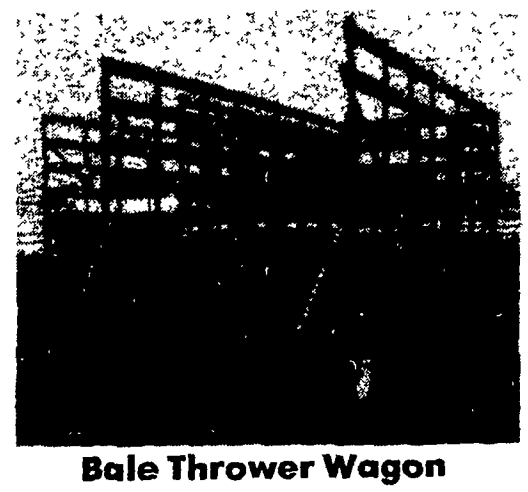
Free delivery to 25 miles



Round Steel Hay Rack with bottom for 18 head for hay, grain, silage, round or square bales. $220 and on stock. Bottom ring can be removed for shipping purposes & replacements.



Hay Rack and Feed Bunk Combination. Built on skids for easy towing. 8', 12' on stock.
18' trailer type also in this style.



Bale Thrower Wagon

8 ton gear
Sides well braced
Side Holes - End Gate - Painted

We will also repair your wagon or build on your gear.

Dealers Welcome

BELL ROAD WAGON SHOP

Directions - 1 miles south of Nine Points off 896 on Bell Rd. 8 mi. N. of Oxford

For delivery service call after 6 PM
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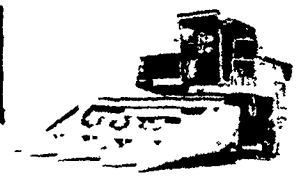
717-687-8217

FARM EQUIPMENT FARM EQUIPMENT

MF Massey Ferguson



NEW EQUIPMENT IN STOCK

- MF 540 diesel combine
- MF 860 diesel combine hydro
- MF 1144 corn head
- MF 1163 corn head
- MF 15' table w/floating cutterbar
- MF 13' U-II reel
- MF 15' U-II reel
- MF 22 bale thrower
- Vicon mower conditioners, demo
- Pequea hay tedders
- McConnell forage wagon
- Beaver III four wheel drive tractor
- Woods mowers
- Vicon 4 and 5 wheel rakes
- Hefty bale wagon
- Strawchoppers for MF 760 & 540 combine

USED EQUIPMENT

- Ford 9600 tractor
- MF 2675 tractor less than 500 hours
- MF 1450 garden tractor
- MF 285 diesel tractor
- MF 760 combine w/6 row corn head & 16' grain table
- MF 510 combine
- Hesston PT 10 haybine
- MF 81 haybine
- MF 10 baler
- NH 275 baler
- MF 13' grain head w/floating cutter bar
- Strawchopper for MF 540
- NH 69 baler w/thrower
- NH 65 baler w/thrower

Renting skid steer loaders.

Radio Dispatched Service

ABRACZINSKAS
Farm Equipment, Inc.
RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

New Equipment Specials

IH #800 6 row plate planter(DEMO)
Gehl 100 grinder-mixer, $6,725
Gehl 1600 baler (DEMO) $8,000

Used Equipment at Dalmatia

I 84 hydro diesel	$13,450
I 544 gas, utility	$5,400
F400 gas, new tires	$1,850
460 diesel w/2001 loader & hyd. bucket	$3,500
Farmall M	$1375
412 4x14" plow	$495
550 5x14" plow	$850
MF 3x14 3 pt. mtd. plow	$395
Kasco 12' 3 pt. chisel plow	$1675
#45 vibra shank cult., 26½' w/mulcher attachment	$3,500
JD 13x7 single disc drill	$795
IH 400 4 row planter	$2,000
IH 455 4 row shoe planter, as is	$675
AC 4 row cornplanter, as is	$725
AC model 600 no-till corn planter, 4x38"	As is $1500
IH 453 cult. 4 row rear mtd.	$850
IH 205 combine, cab, 10' platform, 2 row corn hd.	$6,500
AC 303 baler w/thrower	$995
NH 67 baler w/thrower (motor on thrower)	$795
Gehl CB 600 forage harvester, 2 row corn head & hay pickup (new knives)	$3,750
Fox blower (as is)	$575
1190 mower-conditioner	$4,150
Hesston PT-12 pull-type windrow	$1,025
IH 863 6x30 corn head	$6,950

Used Equipment at McAlistersville

F 656 gas, wfe. 3 pt.	$6,600
544 gas tricycle 3 pt.	$5000
NH 270 baler w/thrower	Coming in
10' Dunham-Lehr packer mulcher	$1,500
Kewanee blade, 8' 3 pt.	$495
IH 56 blower	$950

INCH EQUIPMENT CO.
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147
18 mi. South of Sunbury
McAlisterville 717-463-2191
Rt. 35, 9 miles east of Mifflintown,
25 miles west of Selinsgrove.

INTERNATIONAL AGRICULTURAL EQUIPMENT

• U.P.S. Service Available

Hesston Model 110, 8' SP haybine, perfect condition

717-687-7926

FOR SALE

- MF 165
- MF 150
- MF 2805 w/duals
- JD 4020 power shift w/turbo
- Farmall A
- MF 1155 w/cab & air
- MF 180
- JD 4 row cultivator
- JD 5 bottom automatic reset plow
- MF 550 combine w/1143 corn head
- 3 field cultivators
- 1250 gallon per minute irrigation pump
- 1000 gallon per minute irrigation pump

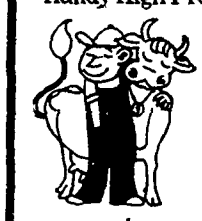
L & M BURKHOLDER
Ephrata, PA.
717-859-2960
717-859-2712

FARM EQUIPMENT FARM EQUIPMENT

This Week's Special
2 USED WIC BEDDING CHOPPERS
1 - Battery Operated
1 - 7 HP Honda Engine
YOUR CHOICE **$875**

EQUIPMENT FOR SALE OR LEASE

BADGER
- 3,000 gal. liquid manure tank
- 1,500 gal. vacuum tank
- 205 Bushel Manure Spreader
- Forage Wagons
- Forage Blowers
- Bedding Chopper for Mulching
- Persuader Pump agitator for Lagoons
- Handy High Pressure Washers



- Oswalt Mix Wagons
- Grain Drill with band seeder

Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

IH

HARD WORKING VALUES

Waiver of Finance - Low Rate Financing
Low Cash Deals

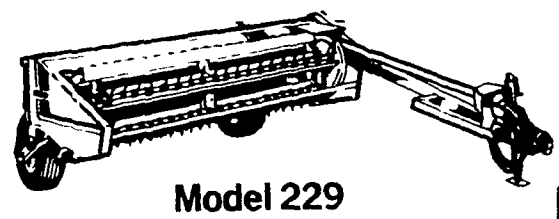
NEW EQUIPMENT

5088, demo	370 disc
3288, demo	800 Early Risers
784 RC w/TA	720 auto. reset 5 btm.
244 FWD	2250 loader
1420 combine, demo	#50 Shredder

USED EQUIPMENT

JD 2 row potato digger	706 Diesel
Ontario grain drill	IH 424
Vicon disc mower conditioner	Farmall BN w/cultivators
843 Corn head, 30"	2 Super C's
NH S69 baler	Super AV
IH #37 baler w/thrower	Haines bulk bodies
IH forage blower	Mayrath auger 6"x27'
Rototiller, 3 pt.	1500 Schwartz loader
Gehl 4500 Skid loader	800 workmaster loader

RINGTOWN FARM EQUIPMENT
RD 1, Ringtown, PA
717-889-3184
Since 1949

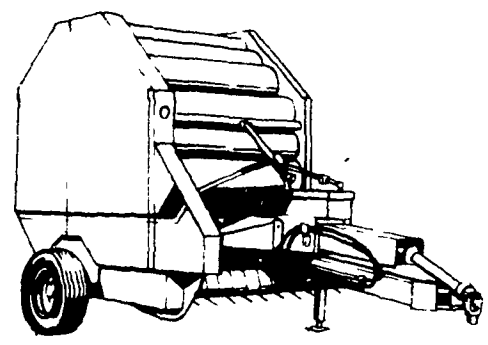


Model 229
Mower Conditioner

We're not just claiming OMC's Model 229 will out cut... out condition.. or out perform all of the competition.

OMC

Roll Balers



The Complete System For Baling Silage

OMC WILL PROVE IT!

We'll prove it
On your farm... at your convenience

Just Ask For A Demonstration

New Equipment

Augers	Mott Mowers	H and S 295 Bu M. Spdrs. w/E. Gate
OMC Rd Balers	N.I. Cut-Ditioner	J.D. 950 Tractor
Bedding Choppers	N.I. 323 C. Picker	Lincoln Welders
Bale Carriers	Fella Rake and Tedder	Oxygen and Acetylene Tanks
1100 Bu. Corn Cribs	Century Sprayers	Welding Supplies
Taylor Disc Harrows	3 pt. Spin Spreaders	OMC 9' Mower-Cond.
Landoll Chisel Plows	3 pt. Rear Scrapers	OMC 12'6" Swingline M-Cond.
McCurdy Gravity Bins	N.I. 213 M. Spreader w/E. Gate	OMC Gr. Mixer
McCurdy 8-10-12 Ton Wagons	H and S 220 Bu. M. Spdrs. w/E. Gate	J.D., Homelite and Sachs-Dolmar Chain Saws

Used Equipment

NH 282 Baler	J.D. 35 Harv.	NH 518 Spdr. w/E. Gate
IHC 440 Baler	J.D. Rake	NH 1469 SP Haybine
J.D. 214 Baler	NH R. Chopper	NH 469 Haybine
IHC 550 Harvester	IHC H. Tractor	NH 488 Haybine
J.D. 38 Harv.	J.D. 2640 Tractor 800 Hrs.	Landoll Soil Master

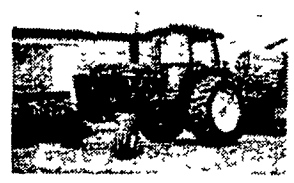
We Will Demonstrate
Balers
Mower Conditioners
Fella Rakes

Stanley A. Klopp
Bernville, PA
215-488-1510

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

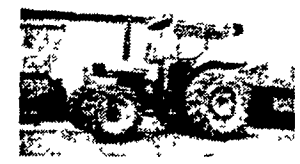
NEW JOHN DEERE 50 SERIES TRACTOR
4250 w/Caster/Action™, MF WD
P. Shift, Trans., Demo., Low Hours
CALL FOR SPECIAL PRICE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE NEW EQUIPMENT SPECIALS

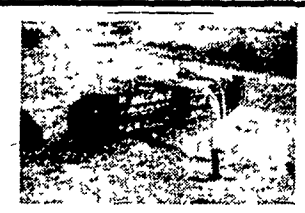


JOHN DEERE 4240 TRACTOR
Cab, Air, Duals,
Good Condition
$24,900

JOHN DEERE 2940 TRACTOR
TSS Trans. w/Hi-Lo,
Dual Outlets, 18.4-34
Good Condition **$17,900**



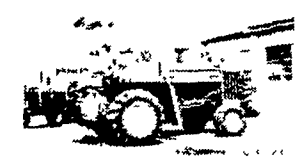
1981 DUETZ 6807A TRACTOR
Cab, MF WD, AM/FM
Priced at **$16,900**



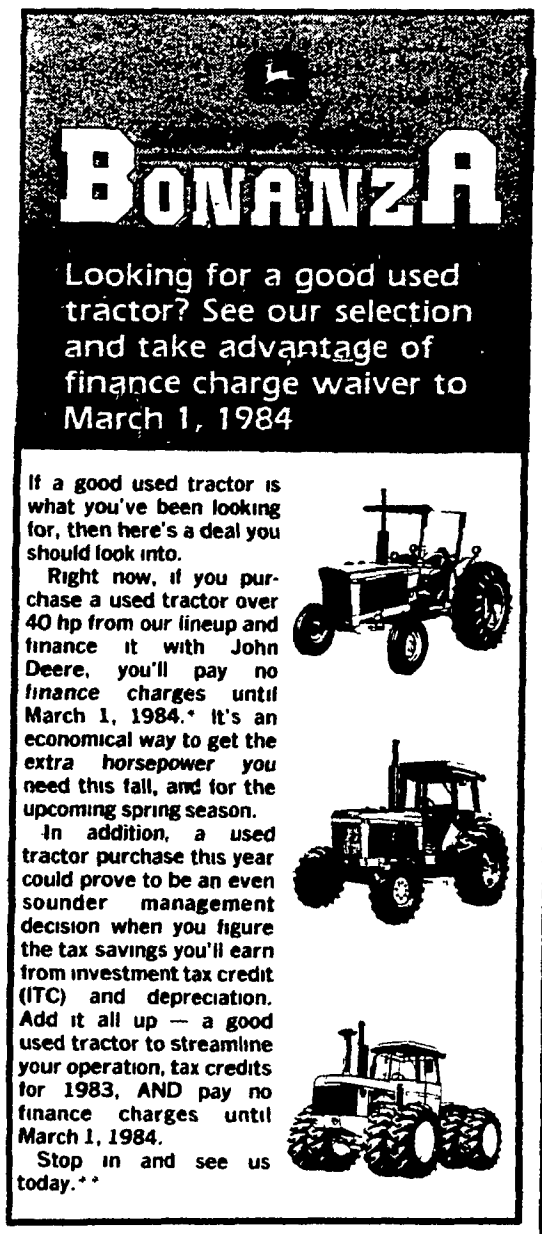
JOHN DEERE 640 RAKE
Completely Rebuilt
Priced at **$1,650**

JOHN DEERE 125 CHUCK WAGON
w/High Sides, 3rd Beater,
JD 1065 Wagon Gear
Good Condition **$2,650**

NEW HOLLAND #3 FORAGE WAGON
High Sides, 3rd Beater,
JD 1275 Wagon Gear
$3,500



JOHN DEERE 5400 S-P HARVESTER
Cab w/Air - Htr. 18.4-26,
8 P Drive T. 1100-16- 6P
Steering T. 212 HP, 1600 Hrs.
Excellent **$27,500**
Available w/3RN RC **$3,000**
3RW RC **$3,750**


BONANZA
Looking for a good used tractor? See our selection and take advantage of finance charge waiver to March 1, 1984
If a good used tractor is what you've been looking for, then here's a deal you should look into.
Right now, if you purchase a used tractor over 40 hp from our lineup and finance it with John Deere, you'll pay no finance charges until March 1, 1984.* It's an economical way to get the extra horsepower you need this fall, and for the upcoming spring season.
In addition, a used tractor purchase this year could prove to be an even sounder management decision when you figure the tax savings you'll earn from investment tax credit (ITC) and depreciation. Add it all up — a good used tractor to streamline your operation, tax credits for 1983, AND pay no finance charges until March 1, 1984.
Stop in and see us today.**

* Availability of John Deere financing subject to approval of credit.

** Dealers contribution to this used equipment offer may affect customer price.

OUR SELECTION OF USED TRACTORS

JD 4240 SGB, Q/R, Dual Wheels
JD 2940 Dsl, TSS Hi-Lo Trans.
JD 2040 Dsl, P/A Whls, low hrs.
JD 2630 Dsl, Row crop util.
JD 4620 Dsl, P/S, Cab.
JD 2510 Dsl
JD 2010 Gas, Row crop
JD "A"
JD "B"
WHITE 2-135 Cab, low hrs.
MF 1085 Dsl
MF 65 Dsl, row crop
MF 65 Dsl, Util. w/Farm Hand ldr.
MF 135 Gas, P/S, 3-pt, Hi-Lo, w/ldr.
FORD 3000 Gas
IHC Farmall A w/sickle bar mower
SATOH S550 Gas Tractor & Mower
DEUTZ 6807A Dsl., Cab, MF WD, AM-FM, tape

BUY A NEW OR USED COMBINE NOW... PAY NO FINANCE CHARGES UNTIL MAY 1, 84

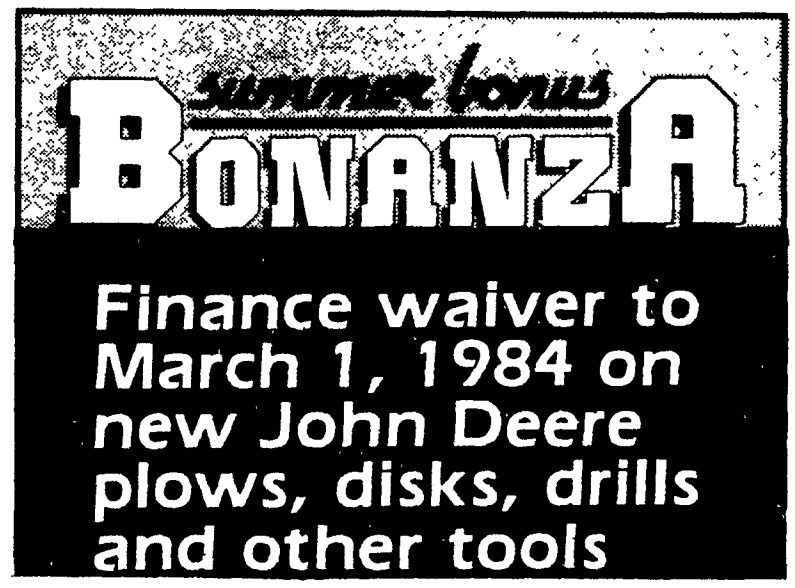
USED HAY & FORAGE TOOLS

JD 125 Forage Wagon, hi sides, 3rd btr, JD 1065 gear
NH #8 Forage Wagon, hi sides, roof, 3rd btr, JD 1275 gear
Oliver 520 w/ejector
IHC 430T
MF #3
NH S67 w/ejector
NH 268 Baler w/ejector
JD 5400 S-P Forage Harvester, cab w/air/htr.
JD 3800 Forage Harvester, 1000 pto, long tongue
JD 35 Forage Harvester
JD 12-14 Hydra Swing Mower Conditioner
JD 1209 Mower Conditioner
Hesston PT10 Mower Conditioner
JD 8' mower bar attach.
JD 640 hay rake
NI Uni 766 Hay Pick Up Att.
NI Uni 767 Forage Harvester - Parts Salvage
Massey Harris 82 SP Combine, w/12' Cut, Special Price $1500

Now - Finance to Jan. 1, 1984
All New New Idea Spreaders
Interest Free - N.I.C.C.
Call For Details

NI 206 SPREADERS
NEW IDEA 95 BU.
GROUND DRIVEN SPREADERS

206 New Idea Spreader Available With or Without Steel Wheels With or Without Endgate Att.



OUR SELECTION OF NEW MACHINES IN STOCK

115 10'0" disk harrow
215 11'5" disk harrow
215 12'10" disk harrow, cushion gang
215 12'10" disk harrow, dura cushion
315 12'10" disk harrow
235 18'6" disk harrow, dura cushion center fold
1610 10' chisel plows
1010 25½' field cult., flex, horiz. fold
8200 14x7 plain grain drill
8250 14x7 fert. grain drill
8200 18x7 plain grain drill
8200 21x7 plain grain drill

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

JOHN DEERE

FARM EQUIPMENT

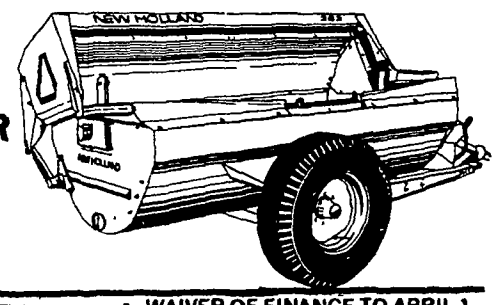
NH TR70
COMBINE W/
13' GRAINHEAD
& 6 R CORNHEAD

PAUL SHOVER'S INC.
35 E. Willow Street
Carlisle, Pa.
717-243-2686

FOR SALE
2 20x70 white topped harvestores with painted American flag, like new
1 Goliath unloader with new top and bottom chains.
2 new crop carrier 8 NH original paint forage wagons
1 large NH blower, 1 260 MF forage cutter with 2 heads
717-374-8178

NEW EQUIPMENT IN STOCK

NEW HOLLAND MODEL 363 TANK SPREADER
$4,595



WHITE FARM EQUIPMENT

WHITE 2-55 Tractor
WHITE 2-65, 2&4 Wheel Drive
WHITE 2-75 Tractor
WHITE 2-85 Tractor
WHITE 2-88 Tractor
WHITE 2-105 Tractor
WHITE 2-110 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator

WAIVER OF FINANCE TO APRIL 1 1984 WITH INTERIM PAYMENT OR...
3%, 6%, 9% APR FOR 12, 24, OR 36 MONTH RESPECTIVELY

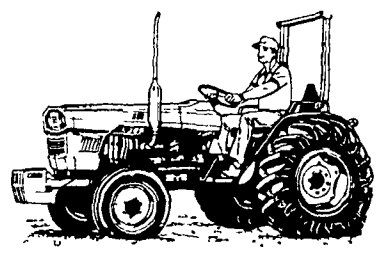
SPERRY NEW HOLLAND

NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 Bale Mover
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 Spreaders
NH 363 Tank Spreader
NH TR75 Combine

KUBOTA

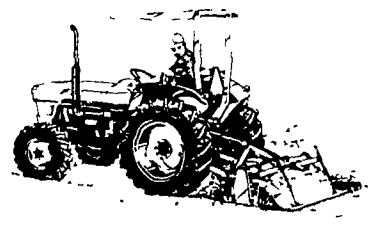
SPECIALS...

B-8200
4 Wheel Drive $5,500



L-235
4 Wheel Drive $5,800

L-305
4 Wheel Drive $8,500



L-345
4 Wheel Drive
with Loader . $11,500

KUBOTA
We're looking for work.

bobcat
642 & 743

WOODS
Division of Hesston Corporation

TYE
No Till Drill

GLENCOE
7 Tooth
Soil Saver

USED EQUIPMENT

HAYTOOLS
NH 268 Baler w/Thrower
NH 68 Baler w/Thrower
Oliver 620 Baler w/Thrower
NH 469 Haybine
Gehl 880 Mower Conditioner

CORNPICKERS
IHC 2 MH Cornpicker

FORAGE TOOLS
NH Super 717 w/1-Row
NH 707 3 pt. Harvester w/1-Row
JD 15A Crop Chopper

TRACTORS
Oliver 1755 w/Cab
MF 175 w/Loader

SPREADERS
NI 212 Spreader
NH 346 Tank Spreader, LH
NH 367 Tank Spreader, LH

TILLAGE - PLANTING
White 5400 Planter
JD 1240 4-Row w/Monitor
IHC 550 5-16 Plow
Oliver 348 3-16 CT Plow
Ford 3-16 Plow

COMPACT TRACTORS
Kubota B6000 E w/Woods RM 59 Mower
Farmall Cub Lo-Boy

NORMAN D. CLARK & SON
Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

CLOSE OUT SALE

NEW IDEA

EVERYTHING MUST GO! PRICES CUT TO A MINIMUM!
PRICES AT DEALER WHOLESALE OR LESS
NO INTEREST ON USED TRACTORS & COMBINES UNTIL 12/1/83

New Equipment

Allis-Chalmers
83 mtd plow
2463 semi mtd plow 4/B

New Idea
802 Uni Power unit
768 3/row forage header
244 Manure spreader
323 corn pickers
279 cut ditioner
324/237 corn picker husker

Other new equipment
G.T. 370 Grain Dryers
G.T. 580 Grain Dryers
G.T. Quick bin
Moore Uni Drill 10'
Brillion 8' 9" soil builder
Brinley DD500 Disc harrows
Unicorn log splitter

Used Equipment
AC 7000 Tractor & cab
AC 5050 FWD
AC MKS-2 Combine w/heads
AC "E" Combine
JD 7700 Combine w/heads
MF 510 combine w/heads
IH 303 Combine
NI 702 Uni System
Gehl 1200 Forage Harvester w/heads
NI 325/327 Picker Husker
AC 2300 disc harrow 13'
Mayrath 8" x 55' Auger
GT 370 Grain Dryer
AC 15' Grain Header for L & M
NI 290 Mower Conditioner
AC K240 Corn Header
MF 44 Corn Head

FOB Herndon, Pa.
Routes 147 & 225

MECKLEY'S GARAGE
758-3915 (717)
Herndon, Pa.

CHAMBERSBURG FARM SERVICE, INC.

OMC

975 S. Main St. Chambersburg, PA
(717) 264-3533 (717) 597-8811 (717) 532-8800

Badger AVCO NEW IDEA

USED TRACTORS

Waiver of finance on used tractors till 9/1/83 with approved credit.

IH B
IH 826 w/ROPS
IH 340
IH 400
IH 656 Dsl w/2000 Loader
IH 504 w/Loader, nice
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 1586
IH 706 Tractor
IH 656 Gas Farmall Tractor
IH 200 Farmall
IH 756 Diesel Tractor
IH 2250 Loader
IH Cub Cadets
IH 460 Gas
IH 706 Dsl tractor w/310 Motor
IH 1066 Tractor w/cab, 2050 hrs
JD 4010
JD 60
JD 70 Skid Loader
#10 Hydra-Mac Skid Loader
Hydro 100 Diesel Tractor w/2350 Loader
Hough Loader 4WD w/Cummins Dsl

HARVESTERS
Fox 263 Late Style Head
Fox 546 Fg. Harvester
Fox 3300 w/2R Narrow Corn Head
Fox 249 Snapper Head
Fox 215 2RN Corn Head
Fox 1000 Fg Harvester
NH #818 Fg Harvester
IH 650 Fg Harv 2R
IH 555 Fg Harvester
Brady 608 Flail Chopper
NH #36 Flail Chopper
Fox 3000 Fg Harvester
IH #5 Flail Chopper
Papec Harvester w/2R Head & Pickup
NI #330 3RN picker

SPREADERS
NI 224 Manure Spreader
NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NI 212 Manure Spreader
Hawk Bilt 205
Badger 3000 gal gal Liq Tank Spreader
Clay 1500 gal Vac Tank
NI 214 Flail Manure Spreader
Hawk Bilt 357 Spreader
Hawk Bilt 207 Spreader
IH 595 Spreader

COMING IN.
IH 674 Tractor
Case 1740 Diesel Skid Loader
Oliver 660 Self Propelled Combine
Oliver #40 Self Propelled Combine
IH 110 Fg Wagon w/Tandem Axle
NI 324 Picker
Demco 500 gal Sprayer
IH 990 7' Windrower

HAY EQUIPMENT
IH 2400 Big Roll Baler
IH 440 Baler w/Thrower
NI 279 9' Cut/ditioner
IH 990 9 Windrower
IH 225 SP Windrower
Hesston 320 AP 9' Windrower
JD 5' Rotary Mower Excellent
NH 27 Blower
IH 56 Blower
Oliver Rake
JD 640 Rake like new

TILLAGE EQUIPMENT
IH 710 4x16 Plow Reset
IH 720 5B 20" Plow
IH 700 5x16 reset Plow
IH 311 Plow
Oliver 3x14 3 pt Plow
Case 4x16 Reset Plow
JD 5x16 Reset Plow
Case 8' Disc Offset
IH 9A 9' Disc
IH 19B Disc
Kewanee 13 6 Wheel Disc
Athens 12 11 Disc Like New
JD KBA 12' Disc
IH 534 Row Cultivator
Niemeyer Power Harrow

GRAIN DRILLS
IH #10 Grain Drill nice
JD 13x7 Grain Drill
JD 17x7 Grain Drill

1976 CHEVY C60 TRUCK w/18' bed, 350 engine, 57,000 miles

WAGONS
JD 214 fg wagon
Coby 14' wagon w/rear unload
VanDale 185 Mixer Wagon w/Scales
Coby 4000 Fg Wagon
Grove Fg Wagon w/7 Ton Gear
Grove 14' Fg Wagon
Badger Fg Wagon w/Tandem Axle, Roof
NI 603 Fg Wagon
Badger 16' Fg Wagon
(2) Bale Wagons

NEW IDEA UNI EQUIPMENT
705 Power Unit
840 Feeder House
818 Combine
767 Forage Harvester
713 Platform
744N 4 Row Corn Head
844W 4 Row Corn Head
770 Ear corn Adaptor
767 Forage Harvester
710 Combine
729 A Shelter
770 Feeder House

COMBINES
IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 205 Combine w/13' Platform
IH 843 4 Row N Corn Head
IH 76 Combine
IH 303 Combine w/13 Platform

MISCELLANEOUS
3 pt Stack Mover
Jamesway 60' Belt Feeder
KW Loader for IH 284
Boyhill 300 gal Sprayer
Hesston #10 Stacker
Better Bilt 12' Manure Pump
Badger 26' Conveyor
IH 2250 Loader

FARM EQUIPMENT

NEW TRACTORS
3088
3288
254 4WD
234 4WD
244

NEW EQUIPMENT
540 spreader
335 wagon
18' bale wagon

USED EQUIPMENT
574 gas
NH rake
NH mower

USED TRACTORS
JD B

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

JOHN DEERE

JD 4630 Tractor
JD 4430 Tractor w/Roll Guard
JD 4430 Tractor w/Row Crop Fenders
JD 4030 Tractor
JD 2640 Tractor
JD 2640 Tractor
JD 2640 Tractor w/145 Loader
JD 2440 Tractor
JD MT Tractor w/plow, Cultv. and Mower
JD MT Tractor w/Cultv. & Wood Saw
JD H Tractor w/plow & cultv.
Farmall 656 Tractor
Farmall M Tractor
Farmall H Tractor
IH 184 Lo-Boy w/mower
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/Dry Fert.
JD 7000 4R Consv. Planter w/liq. fert.
JD 1240 4R Plateless Corn Planter
JD 300 Corn Husker w/244 corn head
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD 3940 Chopper w/2R C.H.
JD 110 Disc
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD FB Grain Drill
JD 4400 Combine w/Platform & C.H.
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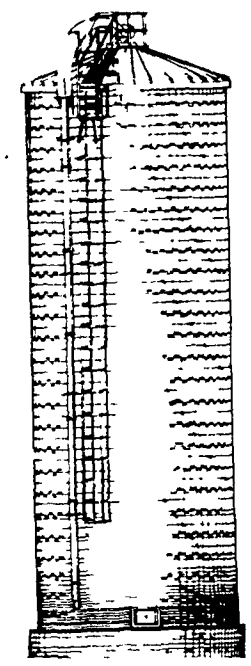

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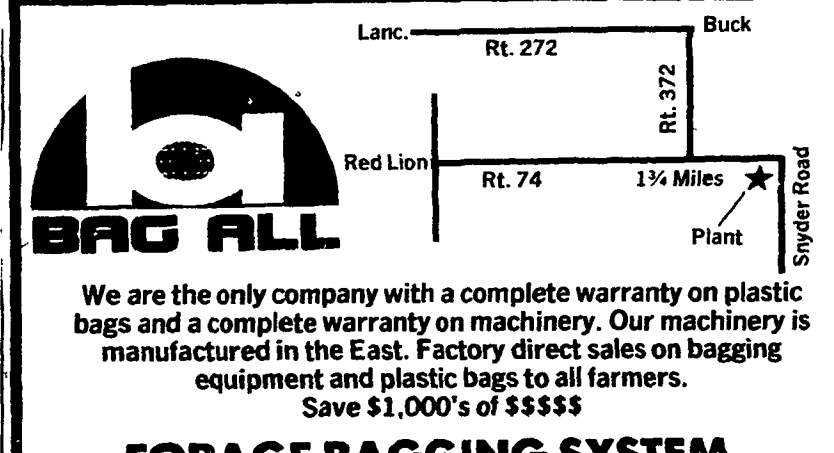

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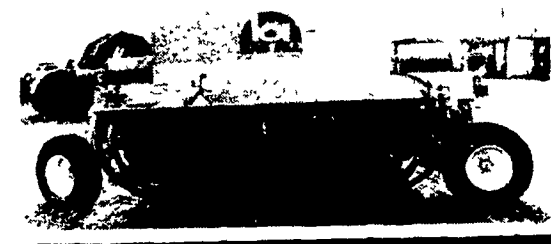

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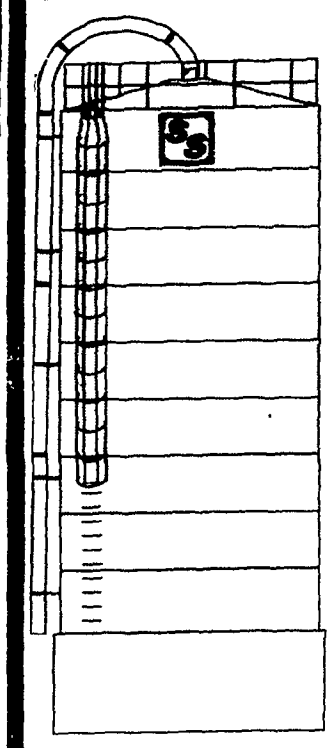

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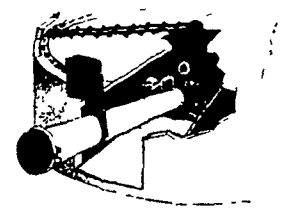

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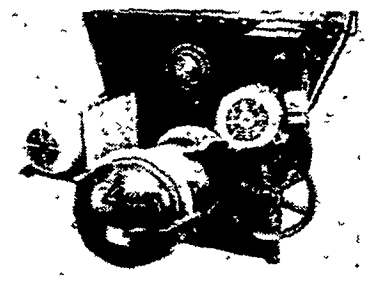

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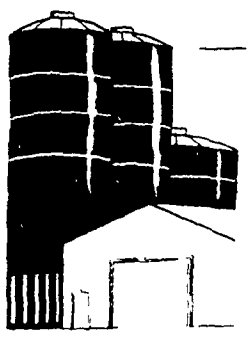

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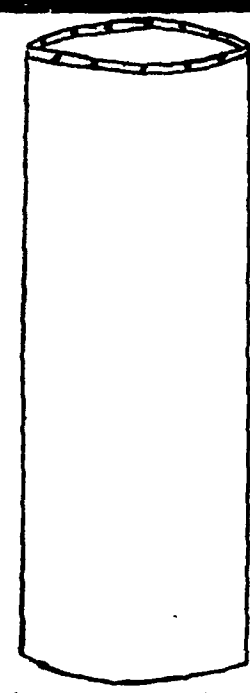

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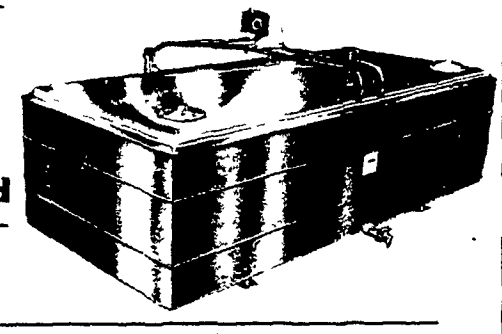

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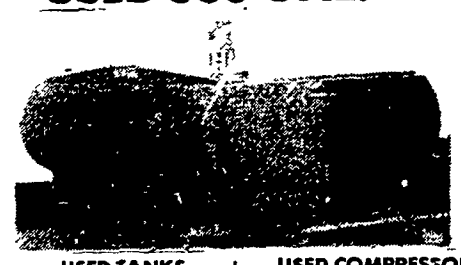

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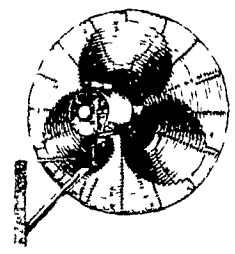

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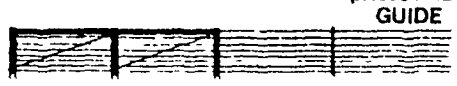

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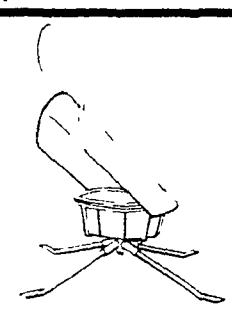
(WV-4000)

ONLY **$73.10**



The WV-4000 is a newly designed windvane feeder to supply salt and minerals to your cattle all year long.

- *** The slightest breeze will turn the hood to protect the salt or minerals from blowing rain or snow.**
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- *** WV-4000 Feeder has a 1½ bushel rubber tub that is chemically treated to prevent chewing. The unit's hood and windvane are constructed of 18 gauge galvanized steel.**
- *** An optional face fly attachment for liquid insecticide is available.**

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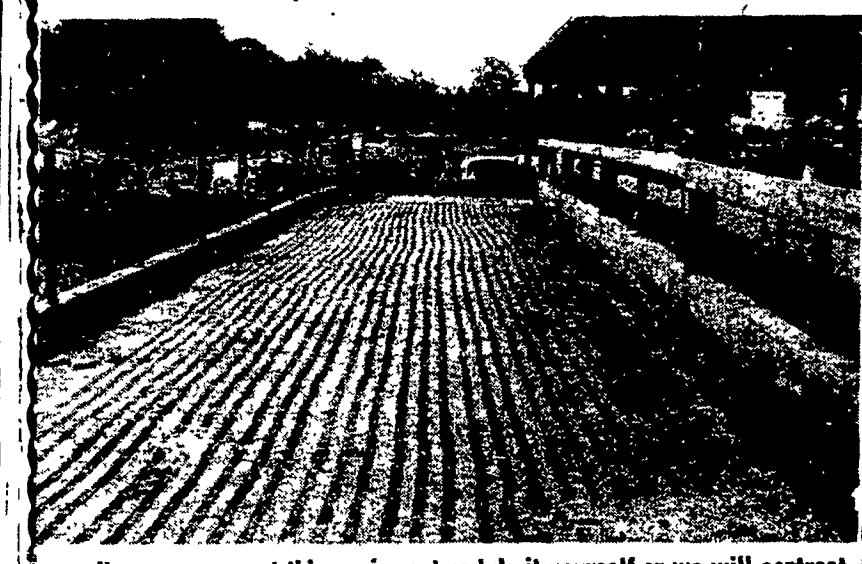

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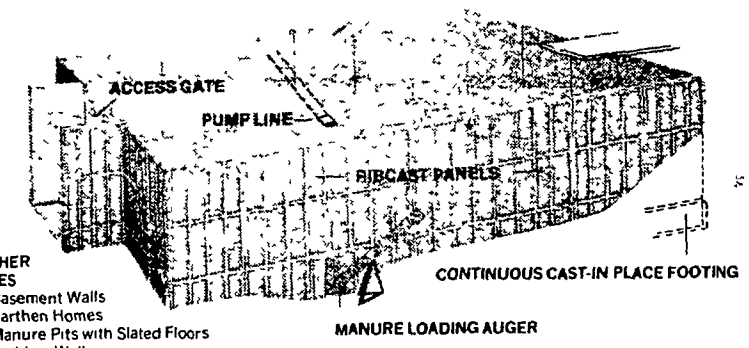

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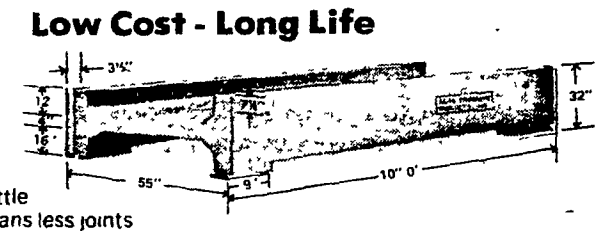

- Large Capacity
- The right height for large and medium sized cattle
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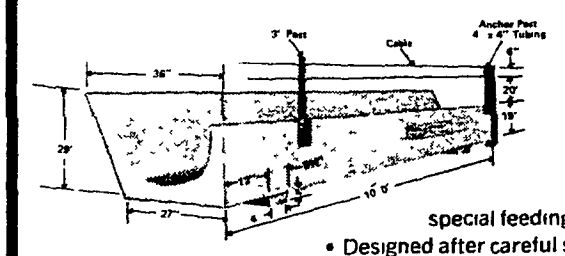
- Movable - for future expansion.
- More than strong enough to support roof system
- Feed conveyor easily suspended from Feed Bunk roof, allowing clean sweep of trough
- No corners to retain spoiled feed



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- Designed after careful study of feeding problems
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- Long sloping trough back helps save feed

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Registered Polled Hereford yearling heifers and cow w/calves for sale, of excellent bloodlines. J.D.H. Polled Herefords 717-292-4509.

For Sale - Holstein dairy herd in Wayne County. Call after 4 PM 717-729-7406.

For Sale - 2 grade Holstein heifers, due in Sept., sired by Very, out of high production dams. Also 2 yearling bulls by Tradition and Starlight. Ephraim Riehl Jr., 247 E. Eby Road, Leola, PA, Lancaster Co.

For Sale - 3 Service age bulls: by Very w/30,939 lbs., 4.1, 1268 fat, good plus dam; by Marvex w/21,960 lbs., 749 fat, good plus dam, by Transformer w/22,000 lbs., 740 fat, very good dam. Sinking Springs Farms 717-764-9463.

Reg. Polled Herefords, young cows with spring calves and bred back, bred and open heifers of excellent bloodlines. Performance info. 609-466-9129.

Quality Holstein heifers, due July. Also young cows, due June and July. Service age Holstein bulls, some Registered. 717-653-5408.

Registered Holstein cow, 4 yrs. old, due in August with 3rd calf to Rinehart Astro Valentino. Classified VG 85, milk records of 17,700 over 650 fat, Adams Co., 717-359-5793.

5 heifers for sale, under year old, grades, compressor for Esco tank 520 gallon also Starline barn cleaner power unit no chain, 215-869-9542.

Registered Jerseys, eight heifers due Sept. thru early winter, bred AI, Calfhood vaccination, Tioga Co., 717-537-2227.

Holstein heifers A.I. bred, service bulls include Columbus, Dairyman, Elmer and Ivan. Vaccinated and tested all Fall freshing. V-Bell Farms, 814-834-3277.

Registered polled Herefords, cows, calves, heifers, 100 must go by Sept., 215-647-2787.

Registered polled Herefords. Young cows, some with calves, bred back. $700 to $750, will deliver, 215-756-6011 after 6 PM.

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For Sale - DeLaval Ration Master feeder, 6 stations, 150 transponders, supply auger, 12 ton feed tank, used 15 months, reason for selling-expansion. 304-725-2465 or 725-5183.

3 reg. Yorkshire gilts, breeding age, 1 reg. Brown Swiss cow, 1 custom made Leddy Bros. saddle, 17" seat, full Quarter Horse tree. 301-898-5969

TESA computerized feeder, used 1½ yrs., 2 stations, complete 703-879-9459 or 9936.

Starline barn cleaner, 12' chute, 165' chain, used very little, $800. 215-944-0584

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Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres 717-792-3216 York County.

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Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified very good with records over 29,000 lbs. milk and 1195 lbs. milk fat. Stumpland Farm. 215-488-1965

Western & Canadian dairy cows for sale. As a service, we will select and deliver. Many years experience. Terms available. Also lease program available. I. Greenberg and Son, Box 249, Mt. Holly, NJ 08060. Telephone 609-267-1101

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For Sale - 70 quality springing heifers, write or call H. Showalter, RT. 2 Box 1, Harrisonburg, VA 22801, 703-434-4298.

Registered Holstein bull for sale- Creek Son, dam GP84 2 yr. Job Cl 676, Gr Dam EX with records to 23,776m 4.2% 1015f, prefer DHIA herd, $1000, 304-725-2904.

Charolais purebred bulls, heifers, open and bred, $450 and up, York, 717-432-5731.

Angus bulls for sale. 2 yr. old by "Power Play". Yearling by "Power Play". Reasonably priced. 717-292-4855.

Angus-Charolais mixed bulls, heifers, bred cows. Purebred Angus herd bull. Gettysburg 717-334-7993.

Family farm dairy herd, 75 grade milk cows. 518-329-1326.

Holstein heifers for sale, vaccinated, due to freshen August and September, 609-758-2862 New Jersey.

40 Holstein heifers, due to start freshening Aug. 28. Mostly vaccinated, some are Registered. Floyd Baker 814-695-3418 Blair Co.

Reg. Polled Hereford herd for sale, cow/calf pairs, heifers and yearling herd bull. Illness forces owner to retire. Will sell one or all. 201-948-3567.

Milking Shorthorns, cow by Chiefton due to Red Cedar Dan in Sept., fancy heifer by Pacesetter, complete health records 215-486-6346 215-383-6373

CATTLE

For Sale - Purebred Holstein bull, ready for service, dam excellent, 26,000 lb., 3.8%. 215-932-9762.

10 Registered Holstein heifers due in July, Aug. Mostly vaccinated, 1 Grade. 717-865-3117.

Your choice of 10 or less from my herd of 30 reg. Holstein B.A.A. 106.6, exceptional pedigrees, records to over 20000. 717-435-3227.

Two large registered holstein heifers due mid August. Lycoming Co. 717-435-0578.

For Sale - Angus bulls, weighing from 800-900 lbs. Also 4 bred gilts due in a few weeks. John S. Stoltzfus, RD 1, Box 352, Bartville Rd., Kirkwood, PA 17536.

For Sale - Quality Simmental cows, heifers and two bulls, 301-374-2975.

For Sale - grade Holstein heifers, DHIA, due Aug. and Sept., Schuylkill Co., 717-739-2247.

For Sale - 3 Registered Holstein cows, 2 just fresh, 1 due in August, sires include: 2 by Astronaut and 1 by Chris, classified and DHIA records, priced right to sell. 215-869-3502 after 6 PM. Chester County.

Registered Holstein heifer due August 12, was 4-H project. 215-679-6845.

3 registered Holstein heifers sired by Marvex and Mariner, due July and August, also 2 grade cows, due late fall, Rohrer Bros., 717-687-9006.

For Sale - Herd Holstein cows, 49 head, ½ Registered, A.I., DHIA, records to 23,000. 717-933-8639.

40 Black Angus brood cows w/calves by side, a good clean herd, 2 Angus bulls, 1 out of Power Play w/papers, sold farm, must sell cow herd. 717-677-8576 or 717-677-6246.

3 Registered Holstein heifers, Gay Superior and Eric, good dams, 2 due middle of July, 1 September. 215-257-4151.

Achilles Cattle Co. - Semen - Lacombe Achilles, Exacalibur, PMB Savior, Titan of Sim- POL, Silver Tone Prime Time, Sir Duke Signal, etc. Edward Pierce, Neshanic Station, New Jersey, 201-369-4039.

Wanted - Herd of dairy cows or heifers, 301-358-0412.

Cattle reduction sale - reg. Polled Herefords, exc. bloodlines, open and bred heifers, bred cows, cows w/calves, service age bulls, grade prices. W. Paul Halsey, Pylesville, MD 301-452-8621 after 5 301-452-8610.

Holstein heifers, some Registered and some Grade, will freshen in July. 717-263-9091.

For Sale - 27 Holstein cows, TB and bangs tested, 717-734-3553, Juniata Co

For Sale - Herd of 40 Holsteins, some Registered, good udders, young herd on DHIA test, Warren Co., NJ 201-459-4568 after 6.30 PM.

Registered Ayrshire bull and 2 Holstein heifers, due July, mornings, nights 201-782-6176

CATTLE

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For Sale - Eight Holstein cows, T.B. and Bangs tested. 717-436-8707 Juniata Co.

For Sale - Registered Holstein cows 2-5 years old. DHIR records from 12,000 lb. to 20,000 lb. and 800 lb. fat. Phone 301-790-2664.

For Sale - 12 large Holstein heifers, due in August $1000 each, 717-689-2947.

Pureblood Ayrshire heifer due July 14; two fullblood Simmental bulls 14 month, 11 month, 717-225-4586 after 6 or Saturday.

Wanted - Open Holstein heifers, 400 lb. to breeding age. 717-393-0931 Lancaster County.

For Sale - bull, born April '82, sired by Straight-Pine Elevation Pete. The dam, VG-85 is sired by Glendell and has 29470M, 3.7%, 1090F, 365 days. Her cow index is 1372. The VG-87 Granddam by Kingpin has 21660M, 4.3%, 935F, 305 days. 717-527-4474.

We have a few surplus fresh heifers and cows for sale, 717-632-0572, Pen Mar Farms.

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Purebred Dorset sheep, bred from well-known Eastern breeders for sale, aged ewes, 3 years old and up, great lamb producers; Also 3 year old Eastern Regional Champion ram. 201-788-5517 after 5:30.

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Berks County - Hot-House Lamb Flock, 40 ewes, 2 to 7 years old, grade Suffolk-Corriedale mix, $50/ewe, phone 215-683-6319 after 6 PM.

Excellent quality Hamp X Suffolk ewe lambs. Ideal for replacements, top condition, wormed and vacc. $60. 717-252-4248 7 AM-noon, Mon.-Fri. York Co.

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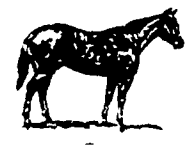

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Yorkshire bred gilts and breeding age boars, Miller's Yorkshire Farm, RD 1, Box 1366, Spring Grove, PA 17362, 717-225-1926.

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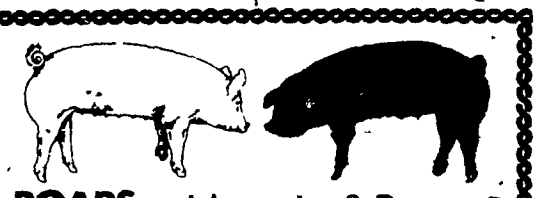

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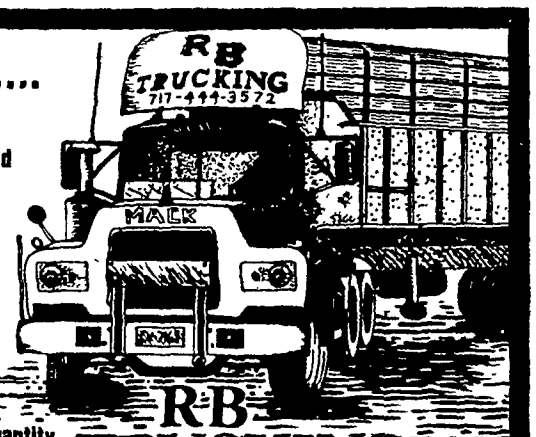

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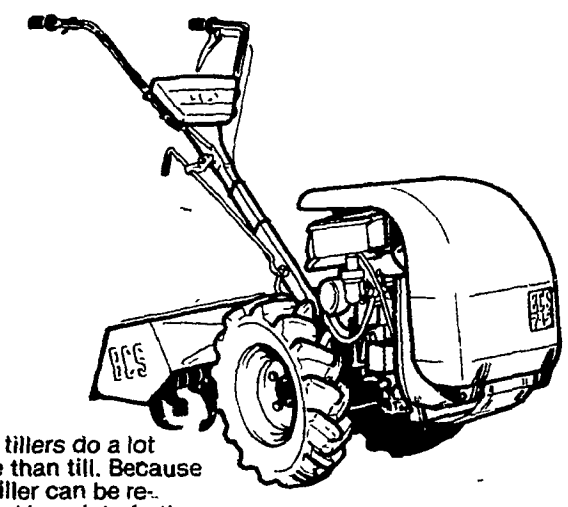

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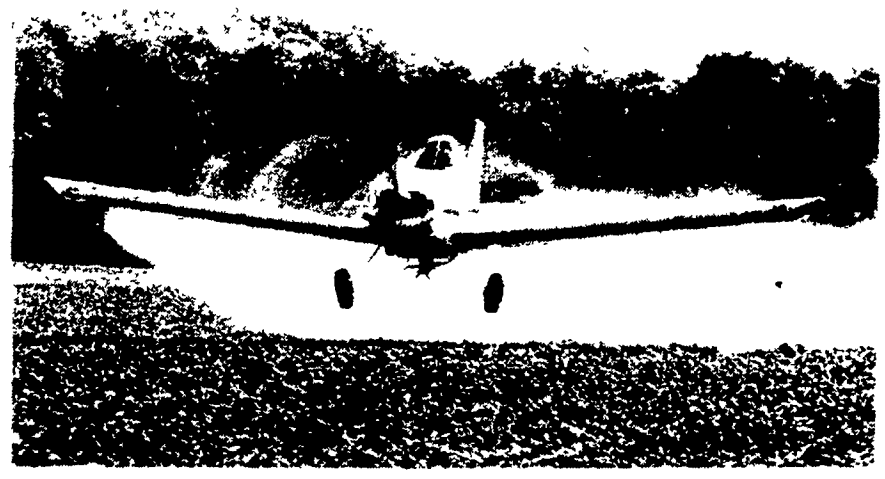

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For Sale - used tomato boxes 1 1/9" wax boxes and cabbage bags. Will deliver. Call early mornings or late evenings. 717-356-7701.

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J.C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke control. Lawn and shrubbery spraying. Free estimates. 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722.

Oatman Septic Pumping Service. White Oak Rd. Smyrna, Lancaster Co., PA 17509. 215-593-6240 215-857-9612

Soybean roasting on your farm. Dale L. Schnupp. RD 6 Lebanon, PA 17042. 717-865-6611

Bradford's Cattle Hoof Trimming. 301-452-8574 or 301-838-5105 (ans. ser.)

Kenneth Horst
Livestock Hauling
Will do your local livestock hauling.
Lamparter Road,
Greentree
Lanc. Co.
717-786-7545

HOOF TRIMMING
M.D. Herr
717-665-2718
Lancaster and Surrounding Counties

CATTLE HOOF TRIMMING
David Eckman
Lancaster & surrounding counties
717-284-2388
or 284-4706
Somerset & surrounding counties
814-798-3209

SERVICES OFFERED

CATTLE HOOF TRIMMING
Tom Frey
717-872-2132
Lancaster and Surrounding Counties

BAG ALL
We Do Custom Bag Filling With Our BAG ALL MACHINES
Please Phone
717-456-7692
8 AM to 5 PM

GENERAL CARPENTRY
- Pole and Block Buildings
- Cow Stables
- Cement and Repair Work

STEPHEN F. FISHER
RD #1 Box 174
Strasburg, Pa. 17579
717-687-6539
Ask for Jon

IVAN ZOOK
Hauling
- Hay & Straw to auctions
- Corn & Grain
- Tobacco
- Equipment
- Lumber
- Local or long distance
- Skid Loader Work

(White Horse)
R.D. 1
Gap, PA 17527
Call anytime
717-768-3052

CUSTOM WORK

Custom combining, small grains, in Berks and Lehigh counties, reasonable, have references, will travel. Also call now to schedule fall corn and soybeans. 215-756-4341.

Custom combining of small grains, 215-845-2524.

Custom round baling, large round baling, Franklin and Cumberland Counties, have truck to move equipment. 717-532-6687.

Tree Trimming, Topping, Dropping. You clean you save. Free estimates. Insured. Harper Tree Service 717-684-2854.

SERVICES OFFERED

Custom
Liquid Manure Hauling
Manure Agitator
York, Harford & Surrounding Counties
717-382-4881

DANIEL S. SMUCKER
Building & Remodeling
Roofing, Siding
Carpenter & Mason Work done.
No Job Too Small.
Low rates.
Quality Workmanship
Call
717-768-8614
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CUSTOM WORK

CUSTOM GRAIN HAULING
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CUSTOM AG BAGGING
Most Bags $800
Will Travel
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CUSTOM BAGGING
Screw Press Machine
8'x95' & 8'x150' Bags
Also 9'x135' 2 Ply Bags
High Unloading Capacity
High Compaction
Can Ammonia Treat
Merle W. Martin
717-626-4915
Lititz, PA

Custom Round Baling
High moisture hay $4 per bale
Lancaster Co.
717-656-7729

CUSTOM SILOBAGGING
Two Size Bags to fit your needs
95'...150'
Call Today
717-665-7471
Professional Serivce: We operate the press to save you time and money
Charvin Farm
(Elstonville)
Dervin Clair Hart
RD 4, Manheim, PA 17545

Custom Combining
Bethel, Frystown, Fredericksburg and surrounding areas
Small grain.
Will travel for acreage.

John J. Brown
RD 1 Box 2291
Jonestown, PA 17038
717-865-4395

CUSTOM WORK

Planting no-till drill double crop soybeans and pasture renovation. Lebanon County 717-865-2385.

HELP WANTED

Two Positions Available - Dairy and Field Crops Workers. House available after 3 month trial period. Excellent pay. Contact 201-722-3700 for interview.

Person to help milk and perform other work on dairy farm. 301-357-5239.

Experienced working foreman for poultry farm. Must be mechanically inclined, knowledge of welding and electrical. Mobile home available. Good pay. 914-583-6369 after 5 PM or write Goldstein Farm, Box 56, Swan Lake, NY 12783.

Person to work on dairy farm, must have experience and reference, house and benefits provided, 301-357-5314 after 5 p.m.

Person to work on dairy farm. Milking, etc. Housing and other benefits. 717-898-7689 Lancaster Co.

A reliable, sober person to work on dairy farm, must be able to milk in milking parlor and operate modern machinery, good wages to right person. Call after 6 PM 301-429-2962.

HELP WANTED

Married farmhand for dairy herd in Somerset Co. Experience with milking and equipment required. 814-267-3724 between 7 & 9 PM.

Experienced dairyman needed for work on lg. modern dairy farm. References required. Pay commensurate with ability. 301-874-5229.

Farm help wanted in Montgomery County. Field work and milking. Limited housing and other benefits. 215-256-6831 after 7 PM.

Married person to work on 80 head of milking registered Holstein dairy farm. Must have experience in milking, field work, and herd health. Comfort stall barn with Surge pipeline. Large 3 bdr. house with free gas heat provided. Call 412-286-9049.

Experienced tractor driver to clean manure from chicken houses on poultry farm. Living quarters available. Write to Goldstein Farm, RD Box 56, Swan Lake, NY 12783 or 914-583-6369 after 6 PM.

Farm Position
A capacity individual with cattle and other farm related experience including baling, carpentry, planting and some machinery experience wanted for full-time position in N. Baltimore Co. Write PO Box 22, Butler, MD 21023.

HELP WANTED

Herdsperson for 140 cow registered Holstein herd in eastern PA. Double 6 herringbone parlor, relief milking, must be responsible, record keeping, AI breeding and herd health, some knowledge of outside work, must be able to work with men, housing furnished, hospitalization, other benefits, references required, write to Lancaster Farming Newspaper, PO Box 366 J-279, Lititz, PA 17543.

Dairyman - Must be experienced milker, able to assume responsibilities and work alone, for a Susq. Co. dairy farm. Reference required. Write to Lancaster Farming, P.O. Box 366, R-59, Lititz, PA 17543.

Milker plus cleanup work on Eastern shore of MD, must be experienced and be able to work effciently without constant supervision. Good pay and excellent benefits for right person. Small house provided. 301-758-0614 between 7-9 PM.

Experienced dairy herdsman needed, York Co. Reply to PO Box 366 J-280 c/o Lancaster Farming, Lititz, PA 17543.

HELP WANTED

Wanted - dairyman with help. House and utilities furnished. Time off. 301-271-2258.

Ambitious person to assist with barn and field work on northeastern PA dairy, must be competent with machinery operation and maintenance, serious inquiries only. 717-278-3924 between 3 and 7 PM.

HELP WANTED

Help wanted for registered Holstein farm in Western Mass. New barn, modern facilities, housing available, must be experienced, aggressive, self-motivating person, will consider all applicants, call for interview or send resume. Sodom Mt. Farm, Box 320, Southwick, Mass. 01077, 413-569-0140.

EXPERIENCED GAS & DIESEL FARM EQUIP. MECHANIC
Berks County, Pa.

Send Qualifications And Salary Wanted to:

LANCASTER FARMING
PO Box Box 366, D-63
Lititz, Pa. 17543

Ag Business Opportunity

Person with dairy background to take over established route selling dairy cleaners, sanitizers & minerals. Must have own transportation.

For information contact:

J.L. Hoffman Co.
414 N. Fulton St.
Allentown, PA 18102

215-432-4466

ATTENTION DAIRY GRADUATES

Does high production and a low cell count on 140 cows interest you?

Does keeping cows at their peak of condition and calving at proper intervals challenge you?

If you can add the ambition to be among the best in your field, a strong sense of reliability and a genuine love of cattle...

WE HAVE A HERDSPERSON POSITION OPEN FOR YOU!!!

Quality housing and a very competitive salary.

Serious inquires only,
717-278-3924 between 3 and 7 PM

Operators of portable seed cleaning machines needed mid-July until fall. Must be reliable, farm background preferred.
OPERATORS NEEDED IN THE FOLLOWING COUNTIES YORK, LANCASTER, BERKS, LEBANON, DAUPHIN, SCHUYLKILL.
Excellent Pay!!!

REIST SEED COMPANY
Mount Joy, PA
717-653-8078 or 4121

LOOKING FOR AN AG-RELATED CAREER?

We are looking for the right individual to advance to the position of General Manager of a farm equipment dealership associated with the two most respected company names in the agricultural markets of the world.

Your education, attitude, experience, proficiency, willingness to work and display of initiative and imagination are important for this job.

Relocating might be one of the requirements.

All Replies Confidential - Send Resume To: Lancaster Farming, P.O. 366 D-58, Lititz, PA 17543.

TERRITORIES OPEN!

Veal feed sales and servicing for qualified persons. We're the fastest growing company in machine and crate fed calves. Unlimited potential!

Send resumes to:

Show Case Veal
RD 3, Box 268
Newfield, NJ 08344

PA Dairy Herd Improvement Association

dhia
Pennsylvania Dairy Herd Improvement Association

Position opening

PA DHIA FIELDMAN

PA DHIA is expanding their field program. DHIA is looking for a highly motivated individual to implement our field program. Major responsibilities are: to represent & promote DHIA in the field; the training of DHIA supervisors to conduct on farm consultations with DHIA members to resolve DHIA related problems; design & conduct one day workshops for DHIA members; provide training on interpretation of DHIA records to dairyman and supervisors.

Minimum requirements: require Associate Degree (or equivalent) in Agriculture, preferably Dairy Science plus 2-3 yrs. effective experience. General experience with microcomputers desirable.

Interested individuals should contact the employment division at Box B117, Willard Bldg., University Park, PA 16802 and send an up-to-date resume. Applications will be accepted until July 30, 1983.

THE UNIVERSITY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER AND COMPLIES WITH APPLICABLE LAWS & REGULATIONS REGARDING DISCRIMINATION BECAUSE OF RACE, COLOR, RELIGION, NATIONAL ORIGIN, HANDICAP OR AGE, AS PROVIDED BY LAW, SEX OR STATUS AS A DISABLED OR VIETNAM ERA VETERAN.

SALESMAN WANTED
Agricultural Sprayer Dealer
Needs Sales Representative
To Call on Farmers and Dealers
Alike in Eastern Pennsylvania,
Selling Name Brand Sprayers,
Irrigation Pumps And Other Lines.
Full Time Person Preferred, But
Will Consider Others.
Lester A. Singer Co.
Ronks, PA 17572 (717) 687-6712

Poultry Serviceman Opportunity
For Lancaster-based firm
Must have poultry background
Wages negotiable
Forward resume to:
Lancaster Farming
P.O. Box 366, D-62
Lititz, PA 17543

Fulltime person for tending & milking cows. Experience good but not necessary.
717-898-2568

WORKING HORSEMAN
with small family for brood mare farm in Maryland. Sales and riding experience helpful. New house and excellent working conditions.
Write:
Box 68, Butler, MD 21023

SITUATIONS WANTED

Herdsman or herd mgr. married, family, exp. herd health, AI, high production fitting showing, records, references. Write to Lancaster Farming, PO Box 366 D-56, Lititz, PA 17543.

Responsible couple looking to rent small farmette, 3 to 8 acres for horses, need not be fancy, willing to improve, would prefer northwest Lancaster Co. area, wife commutes to Harrisburg, husband to New Holland, looking to rent for 2 years or more, must have by beginning of August, 717-354-7875.

Dependable, conscientous couple with 3 children desire employment on crop and livestock farm, 15 years managerial experience in cropping, swine and cattle operation, references furnished.
Send replies to:
Lancaster Farming
PO Box 366, D-61
Lititz, PA 17543

SITUATIONS WANTED

Married couple with one child, 13, looking for position as herdsmen on modern, total confinement swine operation. We are interested in breeding, herd health, feeding, cleaning and management. Have some experience with finishing hogs. Very eager and willing to learn all phases. Looking for long-term employment. Have references. Available on or before September 15th.
Desire Pennsylvania.
Send replies to:
Lancaster Farming
P.O. Box 366, D-55
Lititz, PA 17543

BUSINESS OPPORTUNITY
Stihl Chain Saw Dealership Available.
For Information Call or Write
Laubach Saw Equipment Corp.
P.O. Box 145,
Thompsontown,
PA 19094
717/535-5128

BUSINESS OPPORTUNITIES

For Sale - 8 unit motel and lunchonette with living quarters presently being operated, possession anytime, very good fishing, hunting, camping area in Clinton Co., asking $65,000. 717-923-1483.

HOOF TRIMMING TABLE
All Tools
EVERYTHING
you need to start business, even account numbers, new hyd. pump
$3000
914-856-5744

RECREATIONAL VEHICLES

17' fiberglass tri-hull boat, 100 HP Mercury motor fish and depth finders, skies, jackets, trailer, good condition, $4200. Lebanon Co. Lester Hess 717-273-6018.

COMPUTERS

Pick Out Your Software First. Farm Software Services, Bernville, PA 215-926-3167.

Need Help Programming Your Farm Computer? College student would like to program or teach you to program your microcomputer. 717-626-6062.

Wanted: Distributors for Apple Computers & Farmplan Software, minimum investment, full training & support, excellent return, nationwide company. Contact: AC&CS, Box 2008, Syracuse, NY 13200. 315-475-1084.

PETS

AUTOMOBILES

4 cyl. 153 cu. in Chevrolet engine, excellent condition, w/power glide transmission, Post Office Jeep or Chevy II, $350. 215-269-5858.

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

AKC Brittany spaniel puppies, Champion bloodline, excellent hunting potential, Harrisburg 717-545-8532 evenings.

AKC male Beagle pups. Hunting stock or pets. All shots, asking $125, born March. 609-466-3426.

Dwarf rabbits - assorted colors, $7, cages also available, Dennis Miller, RD 1, Box 220 Quarryville, PA 17566.

Jack Russel terrier puppy, whelped 4/24/83, female, wormed and shots, very devoted pet and loves to hunt groundhogs and rats. 717-469-0782.

MISCELLANEOUS

MISCELLANEOUS

BID: The Pennsylvania State University Southeastern Field Research Lab at Landisville, Pa. offers for sale on a sealed bid basis the following equipment. For an appointment to inspect the items and obtain bid forms call John Yocum at (717) 653-4728 between 9:00 a.m. and 4:00 p.m., Monday through Friday. Bids close on July 21, 1983.

John Deere binder; stalk chopper; water pump; coldframe glass sashes; mixing drum stand; ¾ hp elec. motor; Goulds water pump; 2 ea. Kerosene heaters; blower w/elec. motor; sinks; laboratory slate tabletops; 1000-gal. water tank.

Good locust posts for fencing and landscaping, fully seasoned, choice in sizes and price. 717-755-5587 eves.

220 HP Cummins Diesel power unit, large water pump, can be used as snow maker or irrigation, 50HP electric motor, make offer, 215-385-3884.

We buy and sell new and used cardboard boxes, steel fiber and plastic drums or wooden barrels, Reliable Recyclers, 114 S. Maple Avenue, Leola, PA, 717-656-4211.

Wanted - Low Head Water Turbine. Noah N. Zimmerman, Martindale, Pa. 17549 215-445-6061.

PETS

Wanted - puppies for pets. AKC, purebred and mixed litters. Will pick up locally. 717-442-4259.

For Sale - AKC registered Doberman pups, shots and tails docked, reasonably priced, ready to go July 9th, 717-369-2692.

Hobbyist seeks earlier cameras, railroad military pocket watches such as Hensoldt, Zeiss, Leica, Detrola, 400, Exaktareal, Kardon, Steineck, Agassiz, Assmann, Ball, Bowman, Delong, Dudley, Elgin, Flint, Hamilton, Hansori, Howard, Illinois, Lange, McIntyre, Rockford, Trask, Wheeler, Zenith, also related manuals, catalogs, lenses, accessories, condition, serial no., prices to Edmund Juszcyk, 2421 West 46th Street, Chicago, IL 60632.

Wanted - Shingle mill in restorable cond., must be reasonable priced, Michael Pontzer, E. Eschbach Road, St. Marys PA 15857, 834-781-6929.

For Sale - 7300 watt portable generator, used one time, make offer, 215-670-2395.

8 MF front end weights $25 each; one 1 HP electric motor Doerr $75, 215-369-1211.

Complete traveling sprinkle system, irrigates 1- acres one setting, includes traveling water wench with Nelson model 200 Big gun sprinkler Chrysler Industrial 5' pump with safety panel, 1200' of 5" aluminum seamless pipe fittings, 660' of 4" hose, air purge hose reel, capstans and aquaprobe. Total price $10,750, 717-589-3280.

Globe Stimpson meat saw, 1½ HP, 3 phase, Adams Industrial Machinery, Inc. 717-632-3443.

A. B. Dick 320 offset press, good working; Jet Spray drink machine; Columbian Choice black enamel cookstove w/water tank. 717-442-4279.

REPOSSESSED SIGN! Nothing down! Take over payments $58.00 monthly. 4'x8' flashing arrow sign. New bulbs, letters. Hale Signs. Call FREE 1-800-626-7446, anytime.

All-metal platform scale, like new, $175. Beehive supers with drawn combs. Excellent $15 each, 215-363-5956 after 5:30 PM.

Steel pallet racks, 9' high, will take standard pallet, $40 per section. 717-652-1957 Harrisburg, PA.

3000 tobacco lathes, $10 a hundred. 717-354-0402.

10" table saws, new shipment, damaged carton, $295, Wilke Machinery, Exit 11 I-83 York, PA 717-846-2800.

Wanted - Sawmill logs delivered - butternut, hemlock, locust, maple, pine, sassafras, walnut Custom sawing, firewood, sawdust also available (717) 927-9091

Wanted to buy - Shares Enterprise Telephone Company stock and First National Bank Fredericksburg Stock, 215-445-5959.

NOTICE:

Truck & Trailer classified advertisements are located in Section B with Real Estate and Mailbox Market advertising.

Deadline for Trucks and Trailers and Real Estate, Wednesday 5 P.M.
Mailbox Market Deadline, Tuesday 5 P.M.

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

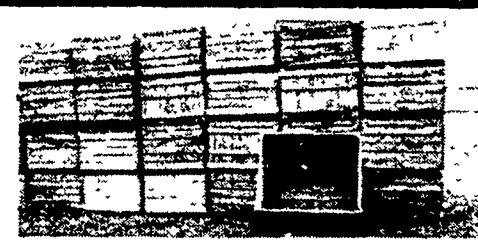
2" new boiler flue pipe, exc. for gates or fencing. 717-872-9152 days, 872-2579 eves. and weekends.

USED STONE PICKERS
Hopper and Conveyor types. Picks stone 1½ inches up Five-ten acres daily 4-yard hopper capacity. Ready to work - $2950 Rebuilts $3500 up
Davey-Joan's
Williamstown, NY 13493
(315) 964-2294

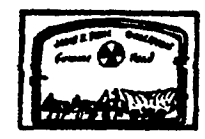
ANTIQUES
Wanted - Old Corner Cupboards.
Paying up to $3500
Old desks up to $2500
Old high chest of drawers up to $3000
Buying dry sinks, wall cupboards, oak and walnut furniture.
Anything old - lamps, quilts, dishes, copper kettles.
Also buying old doors, flooring, locks, silver coins, gold coins.
If you have anything, give us a call
Fisher's
1-215-286-6618
or 1-215-488-1714
Anytime - Let's Talk

MISCELLANEOUS

MISCELLANEOUS



FOR SALE
Bins - Apples, Potatoes, Melons, Cabbage, etc. Cuts down handling, used, extra good shape, 54"x47"x25".
All oak. Can deliver - $10.00 each
215-926-1231



BUTCHER KETTLES

25" wide 15" deep $119.50
Use for in or outdoor cooking.
Cast iron fire doors
16" wide 12" high $49.86
Also use for barbecue pits.
We stock and deliver free in zone 1 & 2.
Zone 3 or 15 mi. $9.
Zone 4 or 20 mi. $12. 30 mi. $15.
or any six items delivered free or pick-up here.
We install including all material for $476, minus chimney.
We go anywhere. (open) Home Eve.
JACOB E. FISHER
Georgetown R3 Box 106
Quarryville, Pa. 17566
717-786-1920 6-6:15 P.M. only

If anybody would like to contact me regarding the price of pups, phone 609-452-8903 early mornings for best results, keep trying.

I need 350 pups on Tuesday, July 19th.

Attention Farmers - If you have good dogs to sell, contact me at 609-452-8903 early mornings. Let me know when they are 2 wks. old so I can take orders for them on the Greater New York market, thereby assuring you a better price when they are ready for market.

Attention!!! I would like to buy a used 4 door heavy car (Cadillac, Buick, Oldsmobile) in good condition. I prefer a one owner car. No dealers.

JO JO THE DOG MAN

I need nice Shepherd, Collie & Terrier pups. Also - cute Peek-A-Poos, Cock-A-Poos and anything cute & shaggy.

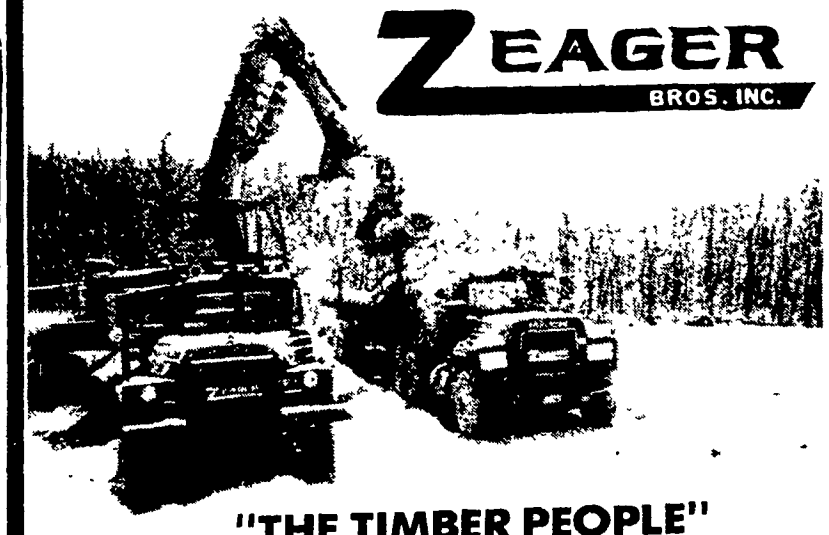
I need good healthy, clean pups, pure & mixed breeds, to 8 weeks old. Offering extra high cash prices. Baskets of cash waiting for *you!* Paying up to $75 for extra cute mixed breeds.

See Me At
Root's Farmer's Market
RD 1 Manheim — Every Tuesday 5 PM - 8 PM

P.S. On July 19th, there will be 2 prizes: a $25 prize for the cutest pup & a $50 prize for the farmer who comes the farthest distance to sell me pups that I buy. Winners will be announced in July 23rd's Lancaster Farming.

WE'RE LOOKING FOR TRACTS OF GOOD QUALITY TIMBER

ZEAGER BROS. INC.



"THE TIMBER PEOPLE"
4000 EAST HARRISBURG PIKE
MIDDLETOWN, PA 17057
717-944-7481

SEE US FOR: HARDWOOD LUMBER
WHITE PINE LUMBER
HORSE CARPET

If your lender thinks a two-career farmer is a guy who can't make up his mind, you're borrowing at the wrong place.

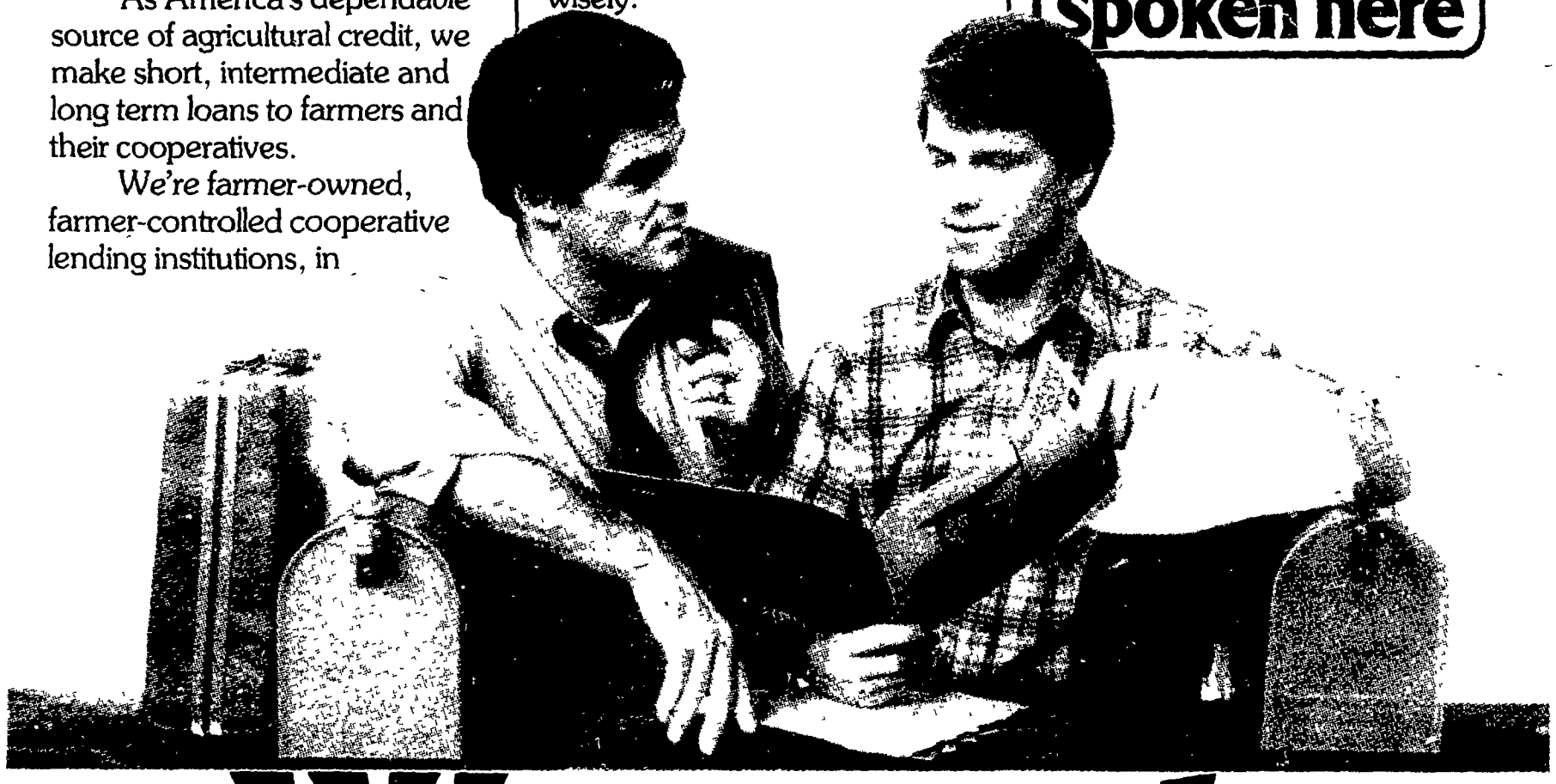
At Farm Credit, we speak Two-Career Farming. We understand your farming career can be an added source of income as well as a primary source of satisfaction. You've got a serious commitment, and so have we.

As America's dependable source of agricultural credit, we make short, intermediate and long term loans to farmers and their cooperatives.

We're farmer-owned, farmer-controlled cooperative lending institutions, in business to help make your operation more profitable with loans for operating expenses, equipment, land acquisition, as well as family needs—and a lot more. And our help is backed by loan officers who understand the importance of using credit wisely.

There's an office near you. Call or come by today and talk loans for the two-career farmer with people who speak your language.

FARMING spoken here℠



We speak your language.℠

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  Fogelsville • 215/395-6831
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  Butler • 412/482-2161
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  Wellsboro • 717/724-1961
- **LANCASTER FARM CREDIT SERVICE**
  Lancaster • 717/291-1855

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and
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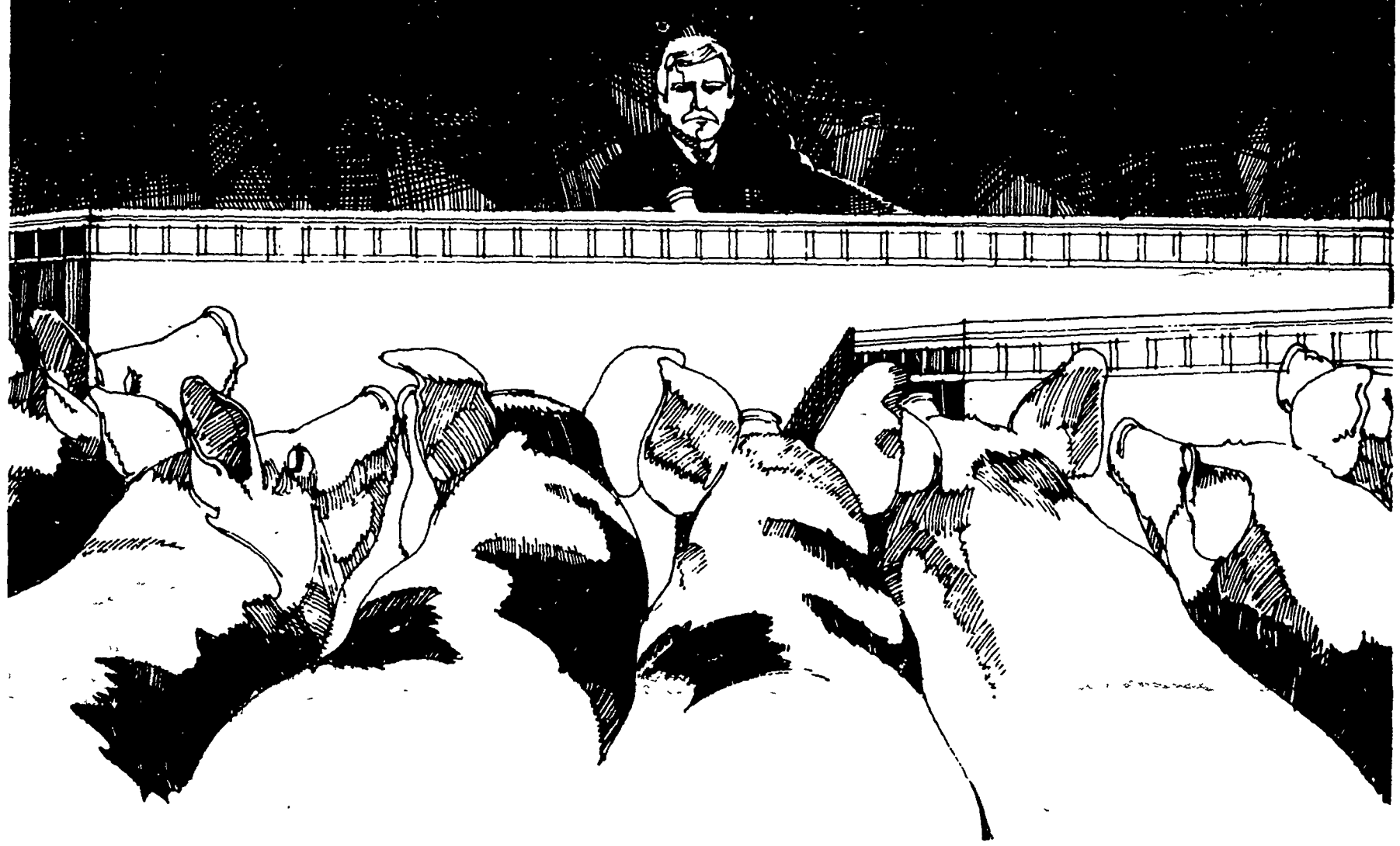
  York • 717/792-2641

- **MEADVILLE FARM CREDIT SERVICE**
  Meadville • 814/336-3149

10,000 hogs put Farmix on trial.



After 3 years of feeding trials with 10,000 hogs, Farmix concentrate was proved superior on all counts: swine performance, carcass leanness, and cost of gain. Farmix from Master Mix Research produces pork at a lower feed cost because it's based on the Available Amino Acid concept—a concept that goes beyond the simple measurement of protein levels used by most feed manufacturers. Come in. Ask us how this crumblized ration is ideal for all swine. When you weigh the evidence, you'll want to give Farmix a fair trial in your operations.

Master Mix CENTRAL SOYA

More to gain™

STOP IN TODAY AND GET THE FACTS FROM YOUR MASTER MIX DEALER

SPANGLER & SPRENKLE INC.
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(717) 843-8889

SNIDER'S ELEVATOR
Williamson, PA 17270
(717) 369-3758

HOLLINGER FARM & HOME SUPPLY
Lititz, PA 17543
(717) 626-2330

DELMARVA FARMS
Pocomoke City, MD 21851
(301) 957-3212

DELMARVA MILLS
Pocomoke City, MD 21851
(301) 957-3212

SERVICE FEED & SUPPLY CO.
Cardiff, Maryland 21024
(301) 452-8444
(717) 456-7433

LEROY M. SENSENIG INC.
Ephrata, PA 17522
(717) 733-8668

ROSS H. ROHRER & SONS, INC.
Quarryville, PA 17566
(717) 786-3372

THOMAS FARM SUPPLIES
Millersville, PA 17551
(717) 872-5646

BUSINESS NEWS...

Swish waterer features a self-cleaning cup, which flushes feed particles out of bottom.

Waterer is self-cleaning

MILFORD, Ind. — Swish Watering Systems, Milford, Ind., has introduced a new watering system for birds being reared in cages. The system is designed to adapt to any brood-grow cage setup- single or multi-level.

"The system saves the producer birds, labor, and money," says Felix Hart, Marketing Manager for Swish. "It features the Swish-patented, self-cleaning cup which "flushes" feed particles out of the cup's bottom. This allows birds to consume the feed particles with the water, reducing the chance of bacteria and algae growth in the water."

Hart adds, "Along with the self-cleaning feature, Swish also has an exclusive "twist action" cup/valve removal to cut maintenance time and reduce labor costs on the waterers. Our new float ball keeps the water level high in the cup, making it easier to start chicks. The float ball snaps onto the trigger and won't get knocked out of the cup like a float ball that is only placed into the cup."

For more information on the Swish Brood-Grow Watering Systems, write Swish Watering Systems, P.O. Box 632, Milford, Ind., 46542.

Swish Watering Systems, a division of CTB Inc., manufactures and markets a complete line of poultry waterers for floor watering, brood-grow systems, and cage laying systems, at its plant in Milford, Indiana.

CCC loan rate set

WASHINGTON, D.C. — Commodity farm storage loans disbursed in July by the U.S.Department of Agriculture's Commodity Credit Corporation will carry a 9-½ percent interest rate, according to CCC Executive Vice President Everett Rank.

The new rate, up from 8-¾ percent, reflects the interest rate charged by the U.S. Treasury in July, Rank said.

Large bag, some 120 feet long, contains bio-gas from methane digester system on Frey Dairy Farms, R2 Conestoga, which plans open house on Friday. Solid by-products are stored in building at left.

Dairy farm selling power back to utility

CONESTOGA — For the first time in Pennsylvania, a dairy farm in Lancaster County is selling electrical power back to a utility.

Frey Dairy Farms, of R2 Conestoga, has been on line for about the past month generating electricity from methane digested from cow manure.

The Methane Digester generating system is "powered" by 700 cows from the Frey's Turkey Hill operation.

"This is our largest methane unit thus far and the first in Pennsylvania to sell power back to the utility, Pennsylvania Power and Light Co.," explains Mark Moser, of RCM Digesters, of Mountville, designers and installers of the Frey system.

"We have two units on line in California, which also are the only two selling power back to utilities. Those units include 300 and 600 cows."

An open house is planned at the Frey Dairy Farms operation on Friday from 10 a.m. to 4 p.m. U.S. Rep. Bob Walker is scheduled to deliver remarks at about 2 p.m.

The Frey system has a 100-kilowatt generator and produces between 1500 to 2000 KW of power a day.

"That's equivalent to $90.00 to $120.00 a day in power costs," Moser explained.

The system is producing on the average of 50,000 cubic feet of bio-gas a day, which is 60 percent methane.

On the 30th of May, the system went on line in test with propane and has been operating on bio-gas since June 21. Start-up depends on the culturing of the bacteria for the production of methane.

"During the past month, we've had a better on-line record than P.P. and L's own Berwick Nuclear Power Plant," Moser said

By-products of the digesting process are also being ultized.

Liquid by-product is being utilized through the farm's irrigation system

Solid by-products can be used as heifer feed, bedding or as a garden soil amendment.

"The Frey's parked their spreaders some three months ago and don't hope to use them again," Moser said.

Moser was a member of the design team for the methane system on Mason-Dixon Farms.

The Frey system includes, in addition to the generating equipment, the gas storage bag, shown in the photo, and a solids storage building. The bag has a 200,000-gallon capacity and can hold some 14,000 cubic feet of gas. It is 120 feet long, 25 feet wide and 12 feet deep.

White debuts tractors

OAK BROOK, Il. — Three new mid-range horsepower tractors, with a new modular cab designed for extra operator comfort and convenience, have been introduced by White Farm Equipment Company.

The Series 3 models of the 2-135, 2-155 and 2-180 Field Boss tractors feature several improvements designed to make them more comfortable and dependable.

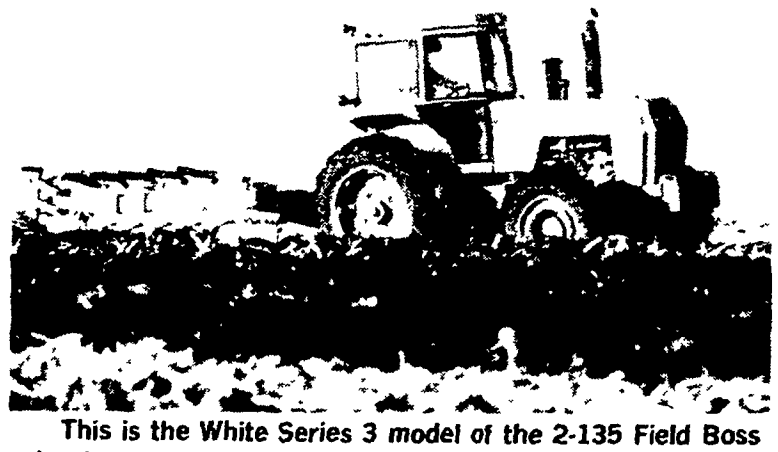
"This new modular cab on the Series 3 tractors is built to be extremely quiet and comfortable. The cab, steering unit and controls are one integrated unit, separate from the chassis, so vibration and noise are kept to a minimum," says James R. Haist, product manager, tractors. In addition, sound-deadening upholstery covers nearly all exposed interior metal, and an improved air conditioner keeps the interior cool.

The cab also includes a tilt-telescoping steering wheel, power steering, and a fully adjustable seat, positioned over the rear axle for a better ride and better drawbar visibility.

All three tractors have a standard three-speed powershift, allowing operators to shift on-the-go, without clutching, through three speed ranges in each gear. The 2-135 and the 2-155, at 137 and 157 hp*, feature 18 forward speeds and six reverse, with 13 speeds in the most commonly used working range of 2-7 mph. The 2-180, at 181.89 hp*, has 11 speeds in the 2-7 mph working range.

Front-wheel assist, optional on all three tractors, can improve efficiency in good conditions, and helps add extra performance in difficult working conditions. In addition, the tread adjustability, tight turning radius and excellent crop clearance means that models with the power front axle can work as row crop tractors when needed. The cast iron front frame on the tractors adds extra weight for better traction, and can easily handle the stress of four-wheel drive.

Optional equipment on the new Series 3 Field Boss tractors includes rear wheel weights, front frame weights, additional hydraulic valves, quick coupler, heavy-duty wide swinging drawbar, and a full range of radios.



This is the White Series 3 model of the 2-135 Field Boss tractor.

5 bulls go to ABS

Four young Pennsylvania Holstein bulls and one from Maryland have been selected by American Breeders Service to enter their Progeny Testing Program.

The bulls include Holler-View Dyno Morris, bred by James Holler, of Jamestown; Campbell-Hollow Columb King-ET, bred by Van Cornish, of Dayton; Mowry Sexy Idea and Mowry-K Valiant Correct, both bred by Ken Mowry, of Roaring Spring; and Long-Stay Milkmaster Go, bred by Lester M. Strite, of Hagerstown, Md.

The bulls have been moved to the ABS facilities at DeForest, Wisc. During testing,t hey will be mated with about 700 cows across the U.S. and then their progency evaluated.

Holler-View Dyno Morris is the result of a mating between Donacres Dynamo-Twin, #$232, +1,951M and +58BF and Holler-View Marc Molly. His dam has production records to 16,250 lbs. of milk, with a Cow Index of +2,206M. She is classified VG-86 and is sired by Holler-View Elevation Marc.

Campbell-Hollow Columb King-ET is the result of a mating between Leadfield Columbus-ET, +$297, +2,596M and +70BF and Campbell-Hollow Gay Kris. His dam has production records to 21,490 lbs. of milk, with a Cow Index of +1,583M. She is classified EX-90 and is sired by Harrisburg Gay Ideal.

Mowry Sexy Idea is the result of a mating between Ocean-View Sexation, +$200, +1,407M and +61BF and Luth-R-Le Glendell Idea. His dam has production records to 25,900 lbs. of milk, with a Cow Index of +1,664M. She is classified VG-85 and is sired by Glendell Arlinda Chief.

Mowry-K Valiant Correct is the result of a specially planned mating between S-W-D Valiant, +$279, +2,235M and +74BF and Mowry-K Chief Coralee-ET. his dam has production records to 40,610 lbs. of milk, with a Cow Index of +3,462M. She is classified VG-86 and is sired by Milu Betty Ivanhoe Chief.

Long-Stay Milkmaster Go is the result of a mating between Gil-Tex-B Milkmaster-Twin, +$201, +1,540M and +56BF and Long-Stay Gay Candice. His dam has production records to 27,970 lbs. of milk, with a Cow Index of +1,971M. She is classified VG-85 and is sired by Harrisburg Gay Ideal.

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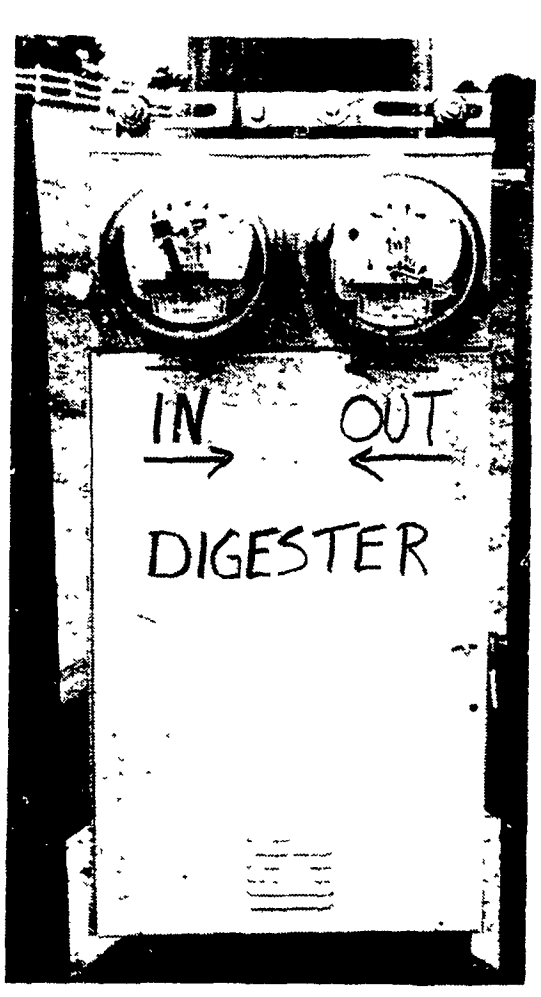

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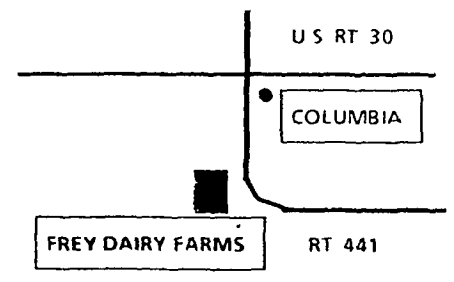


Portable generators cited

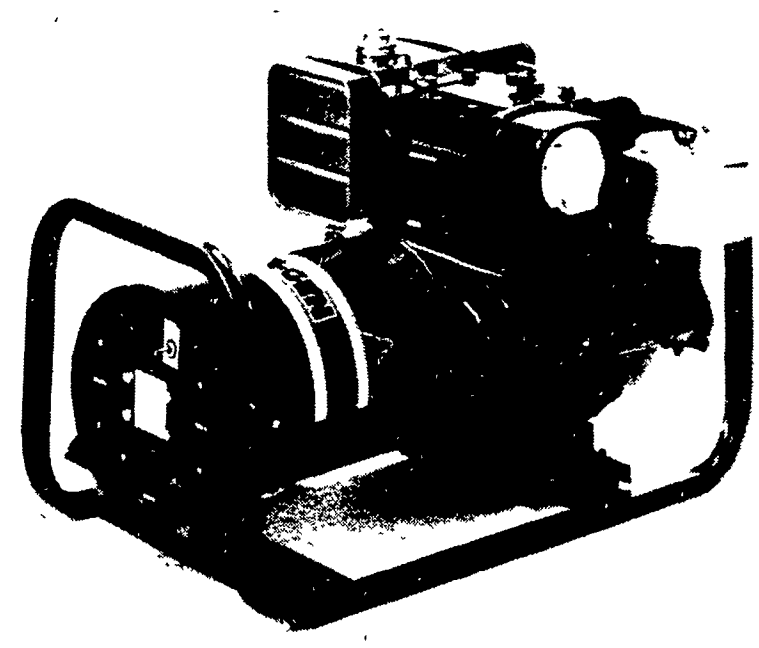
MINDEN, La. — Auto-Gen, manufacturers of vehicle-mounted generators, has received many requests for an extremely heavy-duty portable generator. To answer this need, Auto-Gen now offers a family of heavy-duty portable generators called the Porta-Gens.

The availability of a dependable and economical source of electricity in remote locations is often a necessity. People who live in rural areas, where loss of power is more likely to occur, can turn to Porta-Gen for a reliable back-up electrical system.

Porta-Gen models are available to meet various electrical requirements. The smallest model has an output of 1750 Watts of 120 volt AC current and the largest unit provides 8500 Watts of 120/240 AC current.

All Porta-Gens are powered by a gas-driven Briggs & Stratton industrial class engine, long associated with durability and dependability. It is supported on a steel frame which provides for easy and yet sturdy carrying of the unit.

The model shown, the P4000, has an output of 4000 Watts (4Kw). At 120 volts, output is rated at 33 amps, while at 240 volts, output is 16.5 amps. The 8 hp Briggs & Stratton engine has a fuel capacity of 1-gallon, with consumption of .8 gallons per hour. This model weighs 140 lbs.



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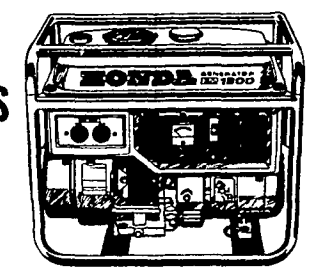

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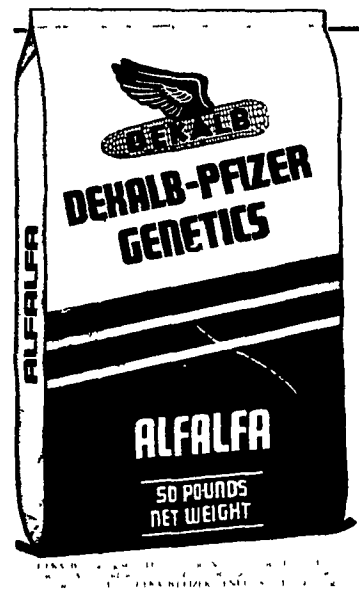

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Sanitation helps reduce PI test counts

LANCASTER — Proper sanitation of milking equipment, lines and bulk storage tanks is an essential part of a total quality control program.

But studies indicate that only three-quarters of all dairymen use an acid rinse each time they clean their equipment, and even fewer sanitize with equal regularity.

Psychrotrophs Can Multiply

Failure to follow a complete cleaning and sanitation routine can contribute to the buildup of one group of organisms — psychrotrophic bacteria. These bacteria grow at cooler temperatures than other common types, and may not be detected by the most widely used bacteriological testing methods.

"The psychrotrophic bacteria thrive at low temperatures, and include Pseudomonas and some types of coliform bacteria," explains Bill Schmidt, vice president of technical affairs for Klenzade Division. "High psychrotrophic counts are an indication of unsanitary conditions on the farm.

"The Standard Plate Count test — the most widely used bacterial test for raw milk — may not detect these bacteria," he adds.

According to University of Wisconsin dairy specialist — Allan Bringe, modern milk handling systems can conceal psychrotrophs.

"The excellent milk cooling facilities on most dairy farms can hide the presence of psychrotrophs by retarding their growth," Bringe explains. "However, another test, the Preliminary Incubation test (PI), gives an indication of their numbers.

"The PI test is being used increasingly by both co-ops and manufacturers as a primary or supplementary test of milk quality," he says.

Schmidt notes that psychrotrophic bacteria are a concern both for milk marketers and producers of milk products, particularly cheese manufacturers.

"Though pasteurization destroys most psychrotrophic bacteria, it may not eliminate all the problems they cause," Schmidt points out. "Some of these bacteria produce heat-resistant enzymes, which attack both milk protein and fat in stored products.

"The end result can be off flavors and reduced product shelf life," he continues, "they can also cause decreased product yields for the cheese producer."

Combating the Problem

"The best way to hold down psychrotrophic counts is to institute a complete sanitation program on the farm," stresses Wisconsin's Bringe. "Start with the cows' bedding and go all the way to the sanitation of milk lines and bulk tanks."

In a recent study, a Quality Assurance Task Force of the Northeast Dairy Practices Council cited several causes of high PI counts. Prominent among them was inadequate washing and sanitation of bulk tanks and failure to use sanitizers on all milk handling equipment.

Easier sanitation is now possible with the introduction of Mandate, a new combination acid rinse and sanitizer from Klenzade Division of Economics Laboratory, Inc.

Improved on-farm sanitation is the best way to prevent the growth of harmful psychrotrophic bacteria. These bacteria can greatly reduce the quality and shelf life of milk and cheese products.

"Mandate utilizes a totally new chemical approach to sanitizing," Schmidt explains. "The product employs bio-active acids in place of the chlorine or iodine used in traditional sanitizers. As a result, it is noncorrosive to stainless steel."

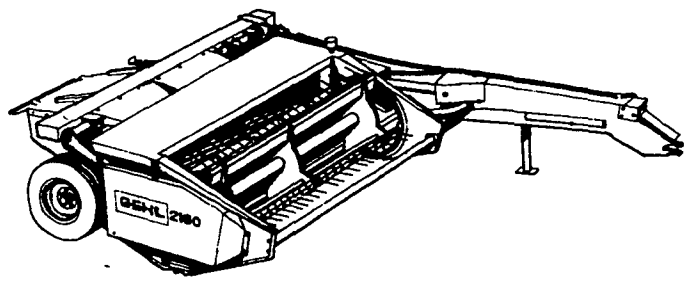
According to Schmidt, extensive on-farm testing has shown Mandate to be effective in significantly reducing PI test counts. Dairymen have also reported a visible difference in the cleanliness of their stainless steel equipment after the second use.

"It will now be just as convenient to sanitize as to acid rinse," Schmidt summarizes. "Dairymen can have the assurance that they are doing all they can to keep bacterial counts low while preventing deposit buildup on equipment."

Red Rose Alliance to meet

BLUE BALL — Hugh Kaufman, Assistant to the Director of the Hazardous Site Control Division of the Environmental Protection Agency (well-known as the "whistleblower on the EPA"), will be the guest speaker at the general meeting of the Red Rose Alliance on Thursday, 7:30 p.m. at the Blue Ball Fire Hall, Route 322, Blue Ball. Elections to the board of directors for the Red Rose Alliance will be held prior to Kaufman's speech.

Take Delivery NOW!



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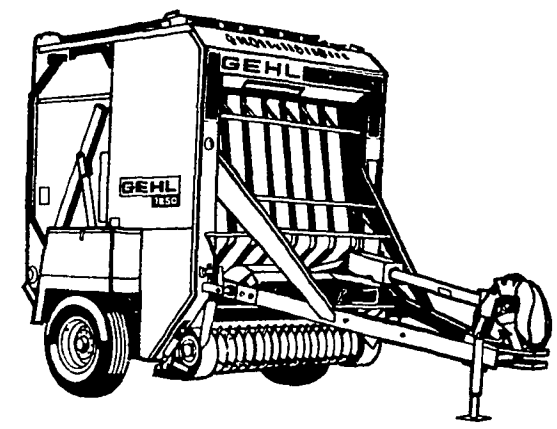

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See Us At Forage & Dairy Day, Tuesday, July 19, 1983 in Hershey

Scours vaccine available

DES MOINES, Ia. — Ecoli-Guard 4, a unique new vaccine that protects baby pigs against the four major causes of E. coli scours, is now available to hog producers from Syntex Animal Health.

Many types of E. coli bacteria are normally present in the intenstine, but four types of E. coli - K-88ab, K-88ac, K-99 and 987p — have been identified as major scours-causing factors. Ecoli-Guard 4 is formulated with four antigens that are effective in preventing these scours-causing bacteria from adhering to the intestinal walls where they can colonize and produce harmful toxins.

E. coli scours prevention is important since treatment of sick animals is time consuming and expensive. Now, however, baby pigs can be protected by administering ECOLI-Guard 4 to sows before farrowing. Protective antibodies are transferred through the sow's milk to the suckling pigs.

Two concentrated two milliliter doses of Ecoli-Guard 4 are injected into the pregnant sow approximately six weeks and two weeks before farrowing.

Ecoli-Guard 4 is manufactured using state-of-the-art "sub unit" technology. It has been extensively tested and proven safe for sows and baby pigs. Product efficacy was proven in field trials where baby pigs were challenged with virulant E. coli bacteria while nursing vaccinated sows. Significant protection was provided baby pigs nursing vaccinated sows compared to control groups.

Pesticide session planned

PHILADELPHIA — A series of papers covering pesticide application and formulation and characteristics contributing to the effective and responsible use of pesticides will be presented at the Fourth ASTM Symposium on Pesticide Applications and Formulation Systems.

The symposium, scheduled for Nov. 2-3 at the Fairmont Hotel in New Orleans, La., is sponsored by ASTM Committee E-35 on Pesticides.

The two-day symposium is divided into three sessions, with eight papers to be presented at each. Symposium chairmen are Thomas M. Kaneko of BASF Wyandotte Corporation, Wyandotte, Mich., and Larry D. Spicer of Rhone-Poulenc Chemical Company, Monmouth Junction, N.J.

A Special Technical Publication based on the symposium is anticipated by ASTM. Committee E-35, one of the 139 standards-writing committees of ASTM, is responsible for the development of standards for pesticides, biological agents, devices, and equipment related to efficacy, safety, and impact in appropriate environments.

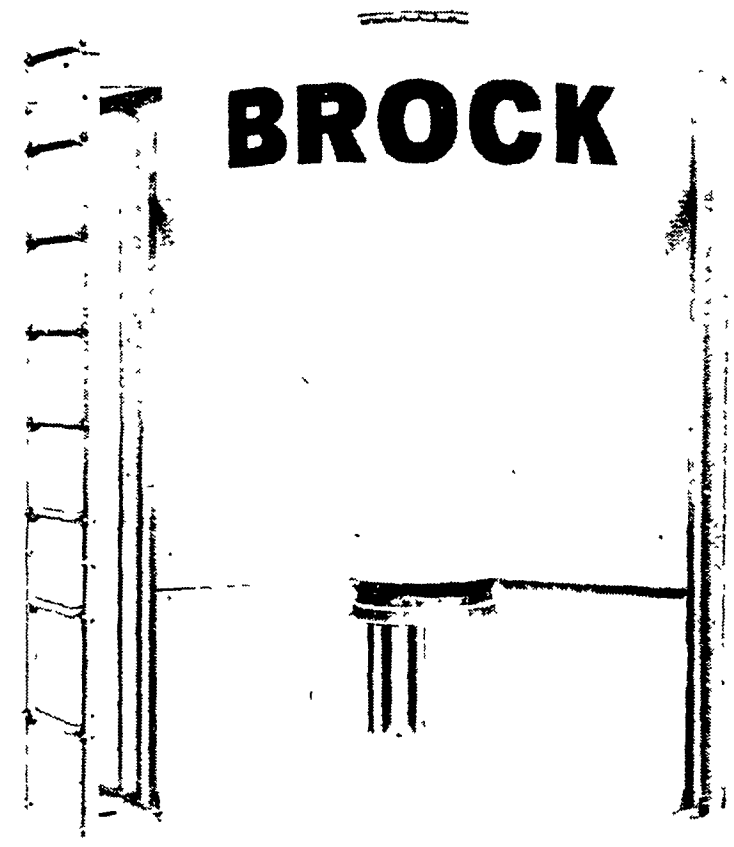
Brock adds new bin

MILFORD, Ind. — Brock Manufacturing Inc., Milford, Ind. has announced the addition of a 6-foot diameter polyethylene bin to their already extensive line of feed bins.

"The 6-foot polyethylene bin is specially designed for use with High Moisture Corn FLEX-AUGER® Feed Delivery Systems," notes Sam Pfahler, Agri Products Market Development Manager for Brock. "Polyethylene not only makes the bin corrosion resistant, but also economical. And, the low 8-foot fill height allows the bin to fit easily inside a feed room."

"The small 1.5-ton capacity bin is also ideal for feed supplement storage, pig nurseries, milking parlors, and horse feeding," adds Pfahler.

In addition to the feed bin line, Brock offers almost 100 models of dual purpose grain storage bins for the farm in diameters from 15 to 60 feet, and over 200 commercial grain stroage bin models in diameters from 18 to 90 feet and capacities to over 356,000 bushels.



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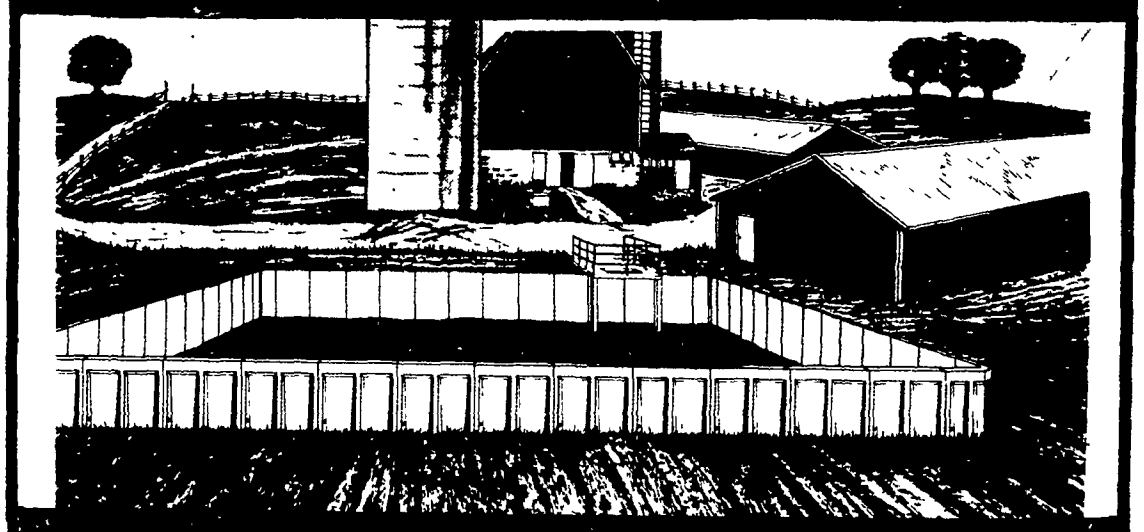

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Is methane production economical on dairy farm?

COLLEGE PARK, Md. — Never ones to be cited for wastefulness, American farmers are taking the old saw about turning a sow's ear into a silk purse and extending it to turning pasture pies into electricity.

In the last 10 years farmers, too, have felt the energy bite in their business operations: In the Northeast United States, the cost of electricity for farmers rose 97 percent; for Maryland farmers, it rose 83 percent.

Some of them have taken the bull by the horns, so to speak, by turning to more self-sufficient ways of getting their electricity besides paying the local utility company.

One method proposed by ecology-minded engineers is producing methane gas from cow manure, and using the gas to power electrical generators. Some studies by university agricultural engineers show that dairy farms can get most or all the electricity they need from all that free manure.

But is it "free?" Agricultural economists and engineers at the University of Maryland report their studies show that the intent may be commendable, but it could end up costing Maryland farmers more than what they are paying now or in the future to electric utility companies.

"The general conclusion from our study is that, for most Maryland dairymen with small herds, generating electricity from methane gas produced from cow manure is not an attractive alternative to electrical energy purchased from utility companies," says Dr. George A. Stevens, professor of Agricultural and Resource Economics at Maryland.

Writing in the Journal of the Northeastern Agricultural Economics Council, Stevens and co-author Herbert L. Brodie point out that even if the price of electrical energy increases in the future, the investment cost to the farmer of setting up and managing his own methane gas system will likely increase also, and in approximately the same proportion as energy costs.

Such a system, say engineers, is relatively simple. Its major components are a "digester," where the manure soup breaks down into disposable solids and methane gas; a large "gas bag" to collect the methane fuel; an engine and generator running off the methane fuel to produce electricity; plus some miscellaneous equipment to operate and monitor the system's performance.

However, the total investment a farmer with a 50-cow herd must make is approximately $10,000, says Brodie, an agricultural engineer. For a farmer with a 300-herd the investment climbs to almost $55,000.

And although the investment cost per cow drops for farmers with larger herds, the total price tag still does not include any fees or expenses that might be charged by consulting engineers to put the system in place, according to Stevens.

Compared with the cost of purchased electricity, pasture pie power for small herds is up to 3 cents per kilowatt-hour more expensive than the same stuff bought from the local utility company, say Stevens and Brodie.

"For the few dairymen who pay 8 cents per kilowatt-hour and have over 100 cows, such a system could save them money," says Stevens.

But there are other considerations, he adds.

"Purchased electricity is fully deductible as a business expense in each accounting period." says Stevens.

"On-farm methane systems require long-term capital investments that can be recovered only over a number of years."

He adds: "This also leads to the question of what is the most efficient use of capital for a farmer?"

"Even if the methane-generated electricity is cheaper than purchased energy, the ultimate answer depends on whether or not the capital requirements for the methane system would yield a greater return if the investment was made in another segment of the farm business."

Corn growers to meet

SPRINGFIELD, Il. — U. S. Sen. Robert Dole, of Kansas, will be the keynote speaker for the 25th annual convention and expo of the National Corn Growers Association here next week. Theme for this Silver Anniversary observation is "Looking Beyond - The Promise in Agriculture."

Senator Dole, chairman of the powerful Senate Finance Committee, is viewed as a top presidential candidate should President Ronald Reagan choose not to run for a second term.

Thousands of corn growers and their families are expected to make this the largest agricultural convention and expo in the heart of the Corn Belt this summer.

In addition to providing an informative program for corn growers, up to 200 exhibitors will provide a major trade show for chemical companies, computer firms, equipment manufacturers, seed corn companies and a variety of businesses serving farmers.

General sessions will feature presentations on national issues of vital concern to the American farmer. Other confirmed speakers include U.S. Secretary of Agriculture John Block; Senator Alan Dixon (D), IL.; Senator David Pryor (D), AR.; Howard Watters, Deputy Secretary, U.S. Maritime Administration; and Darwin E. Stolte, President, U.S. Feed Grains Council. Members of the Reagan Administration and other political leaders have also been invited to address the corn growers.

Not all of the convention program will be given over to examining the serious challenges in agriculture. There will be several opportunities for corn growers to get acquainted with growers and their families from all over the United States, as well as view points of interest connected with President Abraham Lincoln.

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ABS honors Waynesboro couple

DEFOREST, Wis. — A Waynesboro area couple, Don and Shirley Koons, have been cited by American Breeders Service for outstanding performance in helping Pennsylvania Dairymen improve the genetics in their herds. The Koons' were flown to a special recognition event held recently at the firm's Wellington, Colorado stud site.

Don Koons, who serves as a field representative for ABS, was recognized for his role in helping dairymen improve the efficiency of their operations through enrollment in the Genetic Mating Service. The Genetic Mating Service is the world's largest dairy mating program, with more than 500,000 cows enrolled nationwide.

Through the GMS program, field evaluators code cows and heifers for 12 functional type traits and process this information, along with the production standards set by the dairyman, into a computer. The computer then mates the correct sires with the corresponding cows and heifers. The program is based on the scientific concept of linear evaluation, which provides dairymen with a more accurate method of sire evaluation and selection.

While attending the Colorado recognition event, the representatives and their wives were updated on the state of embryo transfer (ET) technology during a tour of the ET unit at Colorado State University. The group also toured several of Colorado's leading dairy operations.

ABS President, Robert Walton, praised the representatives for their dedication and genuine concern for the economic growth of the dairymen they serve.

Participating in ABS recognition program are, from the left, Fred Buschner, regional manager; Don, Shirley, Pa. and Ellen Koons, of Waynesboro; Beverly and Paul Bauder, of Jersey Shore; and Todd Charnetzki, GMS Field Operations Supervisor, DeForest, Wisc.

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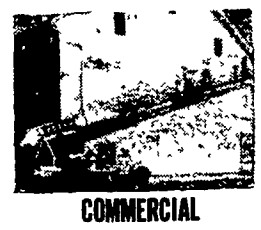
INDUSTRIAL  RESIDENTIAL

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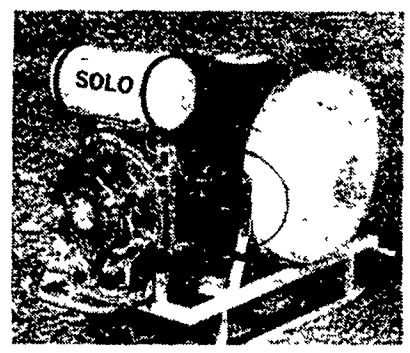

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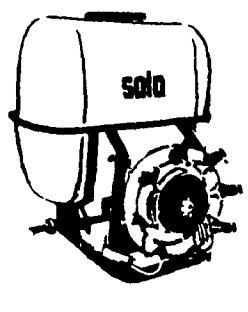
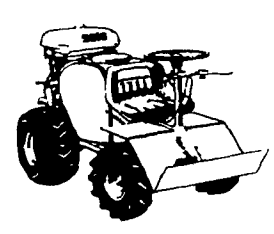
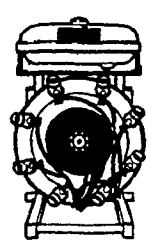


Model 451/452 PTO Mist Blower, lightweight, 3 pt hitch to 15-hp or over tractor, 53, 80, 105 gal formula tank



Model 426 self-propelled& Mist Blower, 32-gal formula tank, 12 5 hp high performance engine, standard cleat or ATV tires



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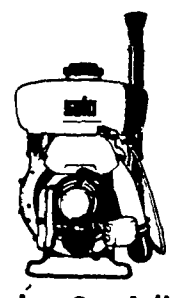

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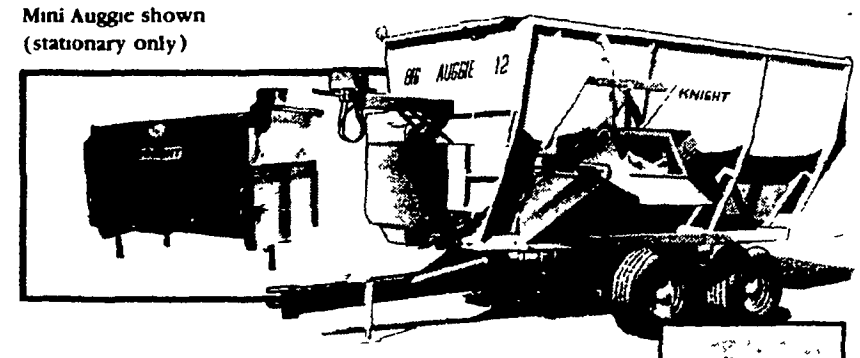

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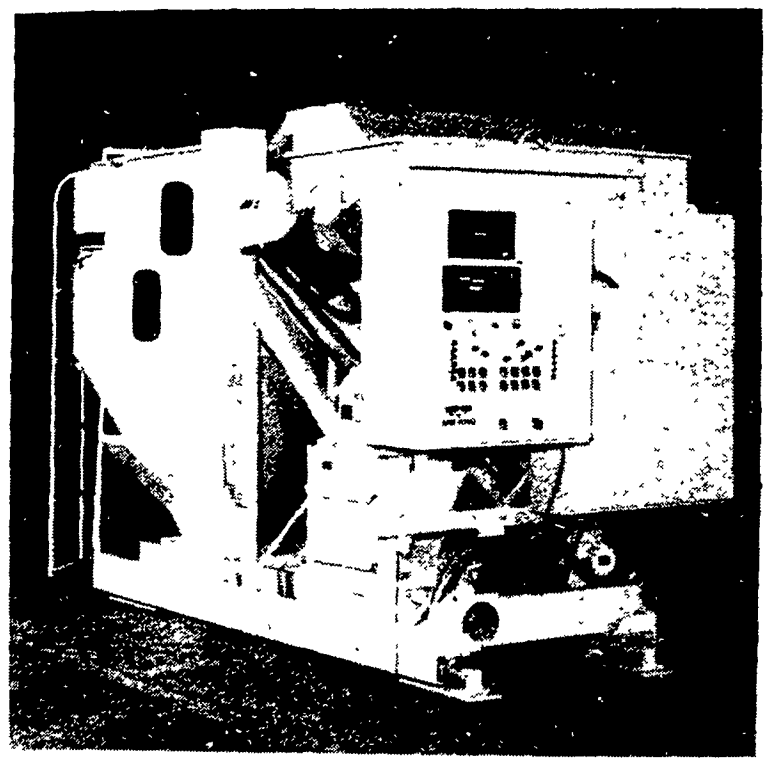

Stationary feed mixer weighs ingredients with a 99% accuracy.

Smaller feed mixer cited

FAIRMONT, Minn. — A new, smaller stationary feed mixer has been developed for the hog and poultry producer who uses premixes or concentrates and who wants the accuracy that electronic weighing can provide. Rather than conventional volume measurement, all ingredients are weighed, with an accuracy of 99%.

Named the SFM-1000, the new grinder/mixer has a microprocessor that controls all operations, stores 50 custom feed rations in memory and keeps records of all ingredients from batch-to-batch. And, because it is automatic, it frees the operator for other jobs.

Weigh-Tronix, a 14-year-old industrial and agricultural scale company, introduced their SFM-2000 feed mixing system last year. It is a larger unit that includes a micro-ingredient section for the farmer who makes feed rations from scratch.

For more information contact Weigh-Tronix, Fairmont, Minnesota.

Mt. Joy bull to Select Sires

PLAIN CITY, Oh. — Select Sires has acquired an outstanding young Holstein bull bred by Shellenberger Brothers of Mt. Joy. Based on his superior pedigree, Shelmar-Acres Julius-ET has been chosed as one of only 130 Holstein bulls from throughout the United States to enter Select Sires' Program for Genetic Advancement (PGA) sire sampling system in 1983.

The dam of this "Select" sire is Shelmar-Acres Arlinda Janelle, an Excellent (90) "Conductor" daughter with an Excellent Mammary. She has two records, both over 20,000M and a best record to date of 23,243 milk, 4.1% test and 952 butterfat. This cow also has a daughter that milked over 24,000 pounds milk in her first lactation. The grandam is a Whirlhill Kingpin daughter classified Excellent (91-2E). She made her best record as a nine year old: 24,116M and 855F. The sire of this young bull is Arlinda Penstar, a high Repeatability, plus test sire.

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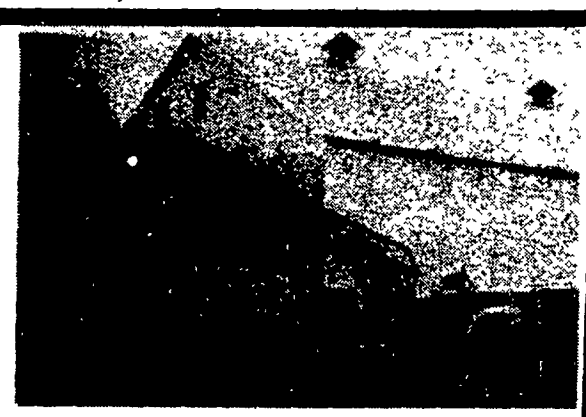

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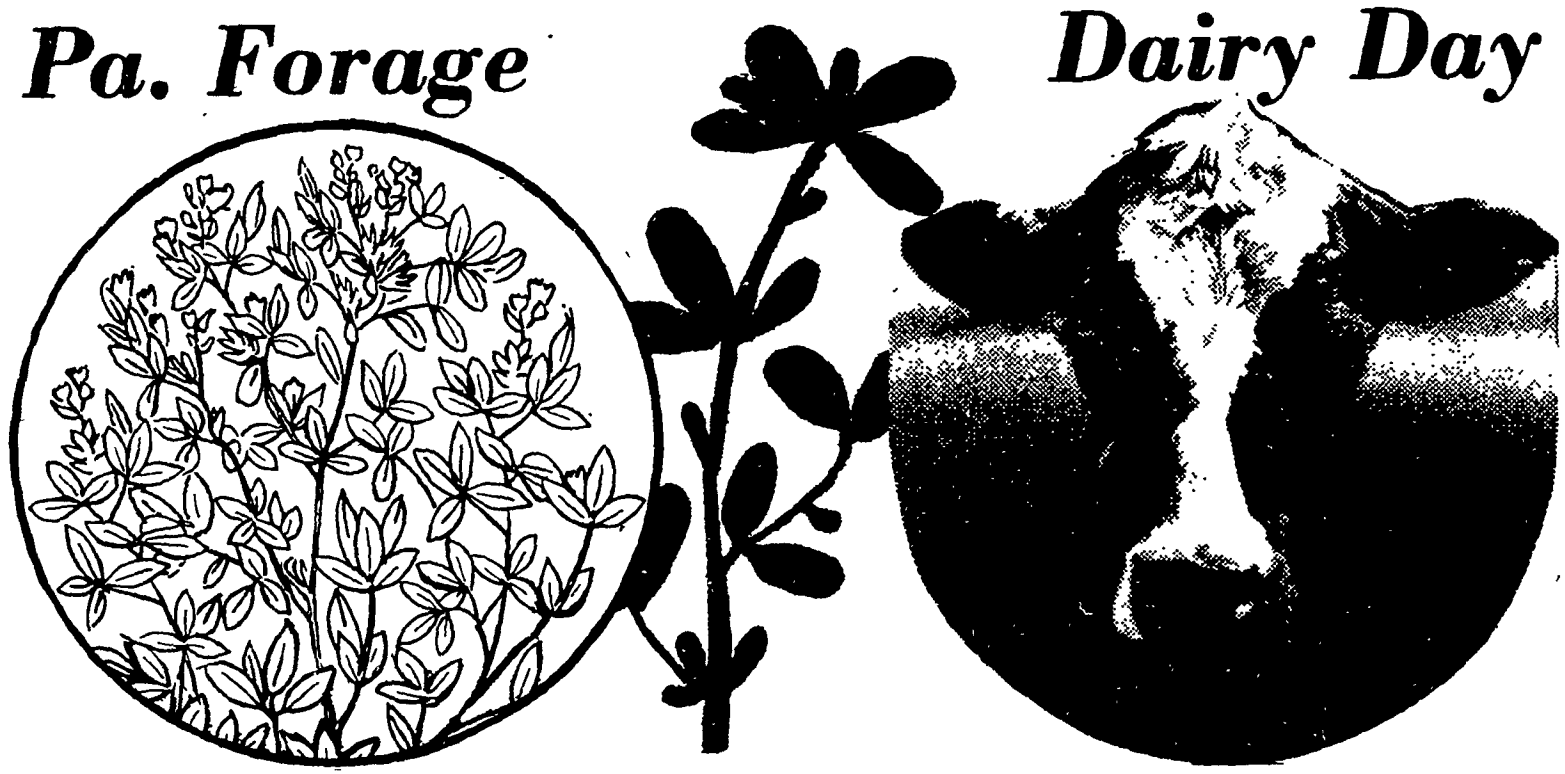
Pa. Forage Dairy Day



Milton Hershey School Farms 9 a.m. - 4 p.m. July 19

Stop & see Lancaster Farming's booth at Forage and Dairy Day

Highlights

Complete forage analysis from field to cow.
Hay evaluation and auction.
Review of latest forage management techniques.
Forage sampling. demonstrations.
NIR Van demonstrations
Commercial exhibits.
Feed formulation, using forage information obtained that day.
Nutrition information based on day's findings by Penn State nutrition specialist Dick Adams.

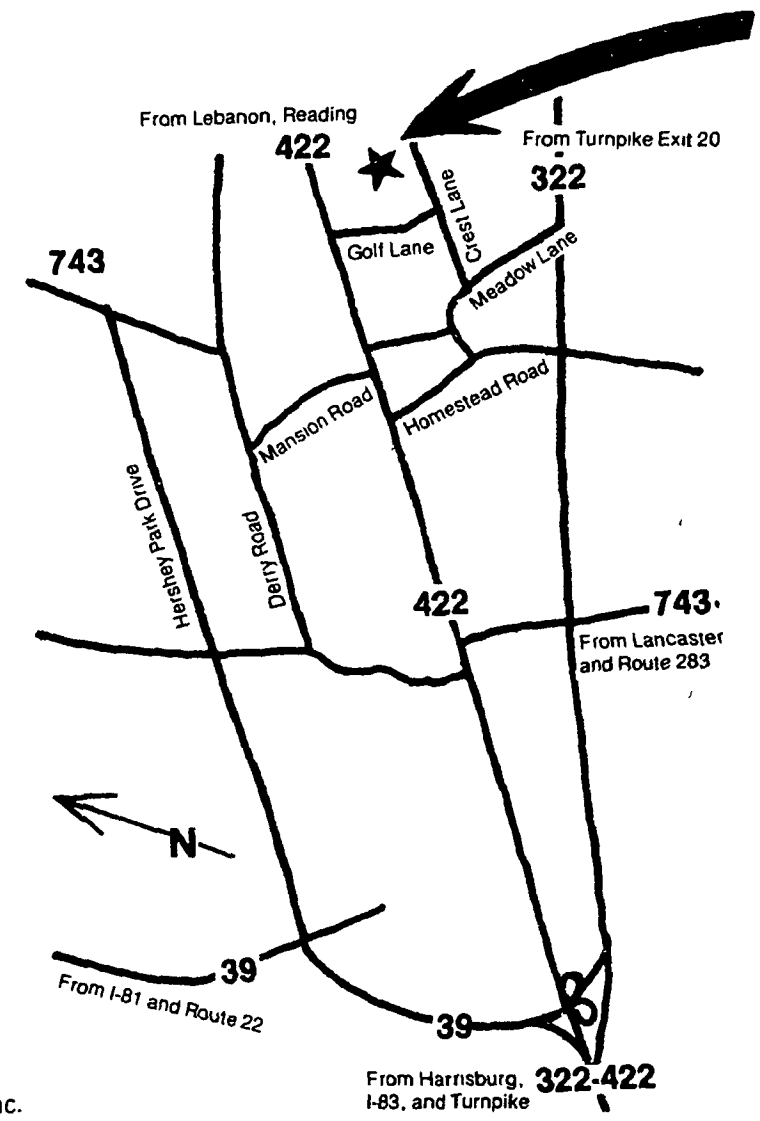
Morning Program

9 a.m. Forage and Dairy Day opens - Inspect variety, maturity and insect control plots.
10 a.m. Barn demonstrations - Embryo collection and transfer demonstrations, and discussion of embryo splitting, sexing and freezing.
Alfalfa grass plot cuttings with Pioneer harvester, immediately followed by testing in Penn State's NIR van.
11 a.m. Pioneer harvester will cut through fertility and maturity plots.
NOON: Cut remaining alfalfa grass strips with haybine.

Afternoon Program

1 p.m. Hay auction based on forage analysis.
2 p.m. Repeat of barn demonstrations.
3 p.m. Feed rations completed, using forage information obtained at Forage and Dairy Day.

How to get there



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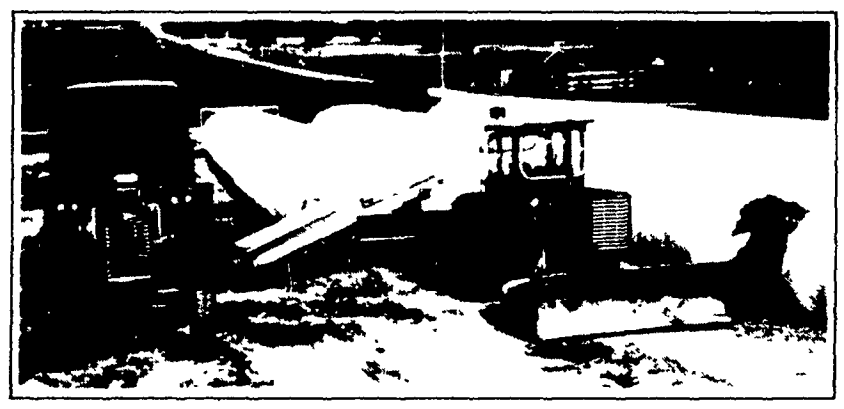

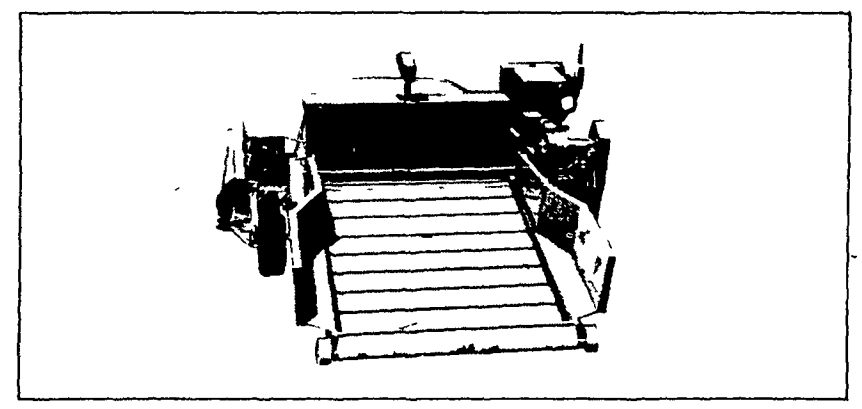

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Kenneth Popham of Floresville, Texas

Kenneth runs a 465 cow Dairy and said this about AG-BAG "At today's interest rates you can't afford any other type of storage . . Even with the yearly cost of bags it's still inexpensive storage . a whole lot cheaper than building barns and hiring help I put up 13 bags last year and after seeing the results, I'll put up 25 bags this year The bags are a good thing"

Don Carter of Parkdale, Oregon

"The best move I ever made" says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon

"I get 18% more feed from the same acreage and the feed lasts three times as long I used to clean my bunks after three days, now I only need to clean them after 10 days"

Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool" says rancher, Roland Rasmussen of Blair, Nebraska.

Roland farms 350 acres west of Blair, Nebraska, and fattens about 650 cattle from 600 lbs to finish

"By labeling every bag as to date and kind of feed, I can mix my feeds and eliminate the guess work in making a ration. I feed alfalfa silage, corn silage and ground ear corn stored exclusively in the bags, purchasing only my minerals and vitamin supplements"

"The AG-BAG system has enabled me to increase carrying capacity per acre at a reduced cost of gain"

Bert Anderson of Sceptre, Saskatchewan

"At least 30% more feed I can guarantee at least that" says rancher, Bert Anderson, of Sceptre, Saskatchewan

"I've been able to cut my grain feeding costs in half since converting to the bagging It's just like feeding grass I've also eliminated the need for a liquid supplement that we always fed before going to the AG-BAG System"

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Microcomputer insurance offered

COLUMBUS, Ohio — Farms of all sizes are using microcomputer systems – for planning, soil analysis, calculating acreage yield, budgeting and a dozen other reasons. The benefits are obvious, but the risks are hidden.

"Many farmers use personal computers in their homes for business purposes," said David K. Johnston, director of Safeware, the first insurance policy for microcomputer owners. "They usually don't realize this could leave their $4,000 or $5,000 system completely unprotected."

"Most standard homeowners' policies don't cover personal computers used in business," he said. "Yet many people who've purchased microcomputers for fun are now using them for business as well."

Johnston has just developed the first comprehensive policy for personal computers regardless of use. The policy, called Safeware, is marketed through Columbia National General Agency (CNGA). It covers a wide range of mishaps, from fire and theft to accidental damage, including power surges.

The annual premium for a typical system consisting of $3,500 microcomputer, $1,600 printer and $900 worth of programs would run $60, with a $50 deductible. The cost of insurance for personal computers used for business is tax deductible.

Insurance companies have traditionally found it difficult to offer home computer coverage even on an individually written basis. They have had to scale down larger policies or modify existing policies of a similar type, such as floaters written on expensive jewelry and antiques. These policies base rates on the value of the individual items covered; for example, each diamond necklace, ruby ring and emerald brooch.

With scheduled rating, the owner would have to update his or her policy every time a piece was added to or deleted from the system. This would create a flood of paperwork, unnecessarily complicating the transaction for both agent and insured.

Safeware instead bases the policy on the total value of the system. The annual premium covers all the hardware, media and purchased software up to an amount stated by the owner when the policy is issued. Individual pieces are not itemized, so no coverage limits are placed on specific items prior to the claim. Safeware's blanket coverage reimburses the insured for the full replacement cost of the equipment at the time of loss.

Pa. - bred bull becomes excellent

Two new "Excellent" bulls resulted from a recent classification at Atlantic Breeders Cooperative, Lancaster, by Fred Piekenbrock, official type inspector for the Holstein Association of America.

15H316 Philka Apollo Dividend Gambler, a Pennsylvania-bred Al-proven bull, was raised two points to become "Excellent" at 90 points. A sampled sire, 15H353 Coldsprings Juno, previously scored "Good Plus"-83 jumped to "Excellent"-90.

Two other Al-proven bulls added points to their previous "Excellent" scores. 15H219 Ja-Sal Gay Duke was raised one point to become "Excellent"-93 and 15H276 Lovdal Magnet Chief Falcon scored one additional point to "Excellent"-91.

Other Al-proven bulls adding points to their "Very Good" score or moving into that category include 15H287 Ocean-View Knight Pat with a new classification score of "Very good"-87 and 15H296 Robthorn Tenor moving from the "Good Plus" category to become "Very Good"-85.

Several sampled sires that were previously scored "Very Good" have additional points from this latest evaluation. Many others improved from "Good Plus" scores to "Very Good".

From this classification, seven "Excellent" and twenty-seven "Very Good" bulls are now housed at the Cooperative's headquarters. Dairymen are invited to visit Atlantic's facilities and see the bulls any weekday.

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Bradford County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

May, 1983

The following herds had a rolling herd average of 650 lbs. of butterfat or more. Herds with less than 10 cows are not included

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK		LBS. FAT
William Brown	3	27.9	87.5	22,364	877	573
Ronald P Davis	B3	36 3	85.7	20,456	841	495
Elmer Comstock	3	67 0	83 4	20,263	808	505
Snowcrest Farm	B3	82.0	89.1	20,298	800	498
Matt Will	9	75.3	87.6	21,339	774	558
Russel L Jones	3	69.7	86 8	18,946	756	509
Windham Vly Fm	B3	46.9	79.9	19,522	754	475
George M Shell	3	36.4	87.7	19,926	743	639
Earl J Gamble	B3	39 9	85.4	17,806	741	440
Allen S Andrews	3	78.0	87.8	20,974	741	554
Marvin Berry	B3	43 7	86.0	19,389	739	627
Robert Taylor	B3	44 3	87.9	18,227	734	487
Donald E Harkness	3	51 4	87.8	18,881	731	496
M Kinsman & Son	3	87 8	86.8	18,365	720	452
Bob&Tom Murray	B3	104.3	85.1	19,302	713	633
Arthur D Wolf	B3	69.7	88.0	17,056	705	431
Tom&Diane Elliott	B3	40 8	86.8	18,330	705	451
Wayne H Lamont	3	40 6	83.8	19,500	703	627
Roe Russell Jr	3	100.9	84 1	17,646	701	377
C & J Watson	4	39 5	86.3	14,105	700	371
Bruce-Les Bresee	3	66.0	84.1	16,535	695	423
Donald Jennings Jr	B3	109.7	88.2	18,675	693	500
Braund Vly Fm	3	84 5	85.4	18,483	692	472
Arlyn Wilbur	B3	48.5	84 8	17,128	692	540
Milton Sherman	3	43 0	90.7	18,532	686	518
Abraham Derstine	3	60.8	87 7	17,951	685	428
Ray&Larry Rowe	B3	54 2	87 8	16,151	682	416
Scott&Lynn Cook	B3	37.5	85.4	18,624	680	460
H W Russell&Sons	B3	50.5	88.2	16,423	679	402
Leslie Freeman	3	53.2	90.0	18,308	678	475
Ford Ridge Farm	B3	53 9	86.0	18,519	677	442
Merle Bacon	3	39.4	86 9	17,875	675	452
Timothy Brennan	B3	50.0	86.3	15,623	672	384
Fivebrooks Farm	3	72.7	89.4	19,018	670	616
Stanley Saxton	3	63.9	88.9	17,980	669	425
Kenneth L Prince	B3	62.5	86.2	17,062	665	437
Calkins Farm	3	70.4	88.8	17,253	665	453
Y Run Dairy Farms	3	89.4	88.1	18,140	664	493
Lyle D Monro	B3	88 2	85 8	17,781	661	457
Hutchinson&Sons	B3	41 6	85 9	19,663	661	472
Elsbree Bros	B3	73 2	84 6	15,853	658	352
Sheldon L Millard	3	54 2	88 1	17,235	656	434
Walter Wheaton	G3	59 3	85 4	16,618	655	434
Springcroft Farm	3	99 1	85 5	17,915	654	534
Gary S Ferguson	B3	39 6	89 3	17,398	653	429
Stuart Wrisley	B3	56 6	86 3	17,233	653	484
Mapoval Farms Inc	3	92 4	86-7	17,602	652	483
L Swartley	G3	35 5	89 0	17,285	652	447
Richard Bristol	B3	35 8	88 1	17,772	650	474

This reports all DHIA cows that have produced 750 lbs of butterfat or more in 305 days

OWNER NAME OR NO.	AGE AT CALVING		DAYS IN MILK	LBS. MILK	LBS. FAT
Mapoval Farms Inc					
Rib	3	5	305	21,941	777
T M Babe	3	4	305	19,926	760
Fox Chase Farms					
122 7	3	7	305	21,298	771
164-9	3	4	305	20,761	773
Bruce-Leslie Bresee					
Candy	3	6	305	19,475	836
Ralph & Joyce Kerrick					
3	3	9	305	19,801	825
Dale Mattocks					
Ivy	3	7	305	22,558	910
Russell L. Jones					
Alice	3	4	305	18,935	779
Roe Russell Jr					
426	3	8	305	18,914	936
434	3	8	305	22,151	810
520	3	4	277	19,086	758
549	3	3	293	24,462	1019
Thomas McCarty					
235	3	5	305	21,054	818
Lynn & Bonnie Miller					
Diane	3	9	305	19,448	782
Babe	3	8	305	21,133	755
William Brown					
Nanette	3	4	305	25,091	1105
Ben Jackson					
Lucile	3	4	305	20,922	756
Marvin Berry					
D 46	3	4	305	20,443	761
Timothy Brennan					
Barbi	3	3	305	15,978	790
Elmer Comstock					
Maxine	3	11	305	23,511	788
Jill	3	3	305	25,030	940
Gloria	3	3	305	27,068	1116
Ronald Forbes					
41	3	7	305	24,622	978
Sheldon L Millard					
41	3	4	295	17,887	798
5	3	7	305	22,526	860
Cragle Knolls					
Mitter	3	9	305	18,551	810
Windham Valley Farm					
Maple	3	7	305	21,692	1007
Art & Clay Harkness					
Ute	3	6	305	20,263	809
Kenneth L Prince					
2341	3	5	305	19,300	820
Carl McClelland					
Ines	3	5	305	19,096	775
George M Shell					
Cora	3	4	296	21,886	804
Bob & Tom Murray					
17	3	8	304	20,894	832
Roy & Tim Beardslee					
47	3	8	305	22,336	768
Lazzell Watkins					
46	3	7	302	20,393	755
Arthur D Wolf					
1	3	3	305	18,429	852
Allen S Andrews					
Kay	3	7	272	22,337	769
Pam	3	6	305	25,391	908
Easter	3	6	305	26,511	876
Karla	3	4	305	23,663	796
Lorrie	3	4	305	21,899	790
Milton Sherman					
5	3	4	305	22,122	758
Earl J Gamble					
Dixie	3	8	305	17,629	817
Debra	3	5	305	19,378	768
Ronald P Davis					
Grace	3	6	305	20,655	852
Snowcrest Farm					
Jerry	3	5	305	22,301	757
Kyna	3	2	305	19,604	823
Ina	3	2	305	17,992	825
James Boor					
Maime	3	3	305	17,258	756
Elsbree Brothers					
136	3	6	305	17,570	781
Calkins Farm					
Gal	3	4	305	17,343	817
Clifton McMurray					
64	3	6	305	20,605	797
George W Lee					
Jena	3	4	305	18,366	754
Piercehome Farms					
Suny	3	9	305	21,554	776
Abraham S Derstine					
Patsy	3	6	305	21,721	866
Scott-Bryan Shedden					
Roxy 10	3	4	303	23,526	759
William H Kapichok Jr					
90	3	7	305	19,621	849
Vaughn & Kathy Harkness					
11	3	9	305	21,696	843
48	3	4	305	21,240	754
Roy Hutchinson & Sons					
Ina	3	4	305	27,002	819
Jesse M Gardner					
Linda	3	10	305	19,629	803
Calvin & Rich Shatter					
76	3	4	305	18,468	782
Gary S Ferguson					
Gwen	3	8	305	21,497	855
Parks Knoll Farms					
98	3	5	305	19,079	815
James & Diane Elvidge					
Buffy	3	6	305	18,032	855
Raymond A Scrivens					
25	3	6	305	16,941	773
6	3	3	305	16,297	828

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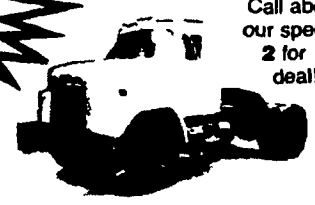
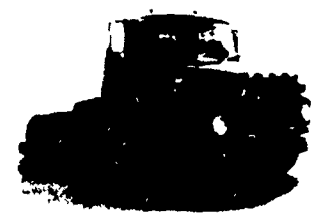


Year	Make	Model	Engine	Trans	Rear
1977	Ford	LN7000	CAT 3208 (175 HP)	Clark 390V	Eaton (18 500 lb) 17121

Quantity	Year	Engine	Trans	Rear
12	1973	VS-478 Gas	5 Speed	2 Speed
57	1974	VS-478 Gas	5 Speed	2 Speed



Ford LN8000 1977 and 1978 models — 77's **$8,500** 78's **$10,500**

Quantity	Engine	Trans	Rear	Rear Ratio	Tire
7	Caterpillar 3208 (210 HP)	Spicer CM6052C	Eaton (2 speed) 18221 (22 000 lb)	6 14 to 1 8.38	11 x 22 5 Dayton
17	Caterpillar 3208 (210 HP)	Spicer CM6052C	Eaton (2 speed) 18221 (22 000 lb)	6 14 to 1 8.38	11 x 22 5 Dayton

Ford LN7000 1979 models — starting at **$10,500**

12	Caterpillar 3208 (175 HP)	Clark 390V	Eaton (18 500 lb) 17121	6 14 to 1	10 x 22 5 Dayton

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Quantity	Year	Make	Starting at
7	1976	Budd	4750
120	1979	* Freuhauf	6,995

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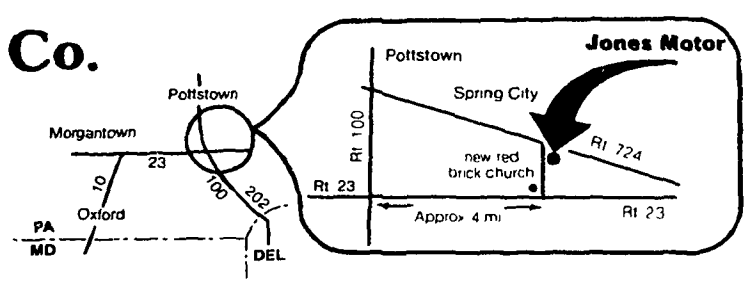

For more information call 215-948-7900

Hunterdon farm/business picnic on July 26

FLEMINGTON, N.J. — "This get-together of business and professional men of the county and members of the Hunterdon County Board of Agriculture is being held to help promote a spirit of good-will and fellowship among members of the two groups," so stated the letter of invitation to the first Farmers' and Businessmen's Picnic 47 years ago. It was 1936 and the host farm was to be the dairy, poultry and potato farm of the late Clifford E. Snyder, near Pittstown.

Food was to be prepared and served by the ladies of the Quakertown Church. And the price of a ticket was 70 cents or $1.40 for farmer and his businessman guest.

This event has become an annual activity of the County Board of Agriculture, and the format hasn't really changed that much. It's still held on a farm in the county, a progressive, well-managed operation. Yes, occasionally one of the county's businesses or institutions would host the affair, but most generally it was held on a top farm.

Second year, location was the Charles Cane Poultry Breeding Farm, Rosemont; third year, Blossom Hill Farm, Lebanon; fourth year, Robert Crane's farm near Pittstown, a poultry, potato and "vegetables for canning" operation.

The 1983 Picnic

Yes, the price has changed, and so, too, the locations. This year host farm will be Matthew Gordeuk's dairy farm, just south of Baptistown on Route 519. Serving the meal will be Gene Maddalena's Catering Service. Speaker featured on the program is the Rev. John Infanger, paster of the New Providence Methodist Church and a favorite in this area.

"The price will be right," says picnic chairman, August Knispel. Not 70 cents but $7.50 each. "And in this day and age, it is a bargain!"

Date is Tuesday, July 26, tours of the farm are set for 5:30 to 7 p.m. A picnic supper of barbecue chicken, sweet corn, salads, and trimmings, topped by Maddalena cheese cake and fresh fruit, will be served at 7 p.m.

A brief program follows with greetings from host farmer Matt Gordeuk, door prizes, and the guest speaker. Infanger's topic will be "The Joy of Living," and his intention will be to make you laugh, think, and look up.

Arrive Early

Guests are urged to arrive early. Committee member, Orville Barrick, has arranged to have tractors and wagons on hand to transport all who wish to see the farm's 400 acres. Corn, oats, wheat, soy beans and hay crops are grown on this farm. There are over 100 dairy cows plus youngstock. There will be tours of buildings; milking will be still underway at 5:30.

This is an excellent opportunity to see a well-managed, progressive dairy farm, meet a prominent dairy farm family. Gordeuk is active in many agricultural organizations, as well as, in his community, service on the Delaware Valley High School board for many years.

Tickets may be purchased in the Extension Service Office. Checks should be made out to the Hunterdon County Board of Agriculture and can be sent to the board, R.D. 6, Box 48, Flemington, 08822.

Ticket sale deadline is Tuesday, July 19.

Md. opens produce market line

ANNAPOLIS, Md. — Want the latest word on what Maryland produce is coming on to the market and how the price and supply situation looks?

If you do, information is just a telephone call away on Friday afternoons at 4 p.m. By calling (301) 841-5763 at anytime day or night from Friday through Monday afternoon, you'll be hooked up with a three minute "MDA Market Line" report by Jack Frey of the Maryland Department of Agriculture's Marketing Services Section who will fill you in on what fresh fruits and vegetables are coming to market at Pick-your-own farms, farmer's roadside stands and the hundreds of stores served by the Maryland Wholesale Food Center at Jessup.

Jack's report is especially good this year due to the fact that strange Spring weather — rains and below normal temperatures — delayed some crops while not affective others.

Those who plan to pick their own or buy direct from growers need timely information before setting out to buy. They can also get a handle on what fruits and vegetables are in ample supply so they can make budget stretching shopping lists.

It's no secret that some items in the fruits and vegetable line are in very short supply due to weather conditions throughout the country and therefore prices are high. Jack's report can help you plan ahead and swoop on the best buys.

An example of knowing when local produce is ready for market would be peaches this year in Maryland. Nationally, peach production is going to be down because of weather. But here in Maryland it now appears we will have a slightly larger crop than usual. Jack Frey will tell you when the local peaches are ready just as soon as the growers tell him so you'll be able to shop for quality and price at the head of the line.

Crops Day on Sept. 27

UNIVERSITY PARK — September 27 is the date for Penn State's Annual Crops Day to be held at the Rock Springs Agronomy Research Farm, nine miles southwest of State College on Route 45 West. Featured will be discussions on corn and soybean research and management practices.

Topics will include variety development and selection, fertilization, pest control, and related subjects. There will be limited discussion on forages and small grains.

The contact person is Elwood Hatley, 106 Agricultural Administration Building, University Park, PA. 16802, telephone 814-865-2543.

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- ★ You can release all cows or hold cows that need treatment.

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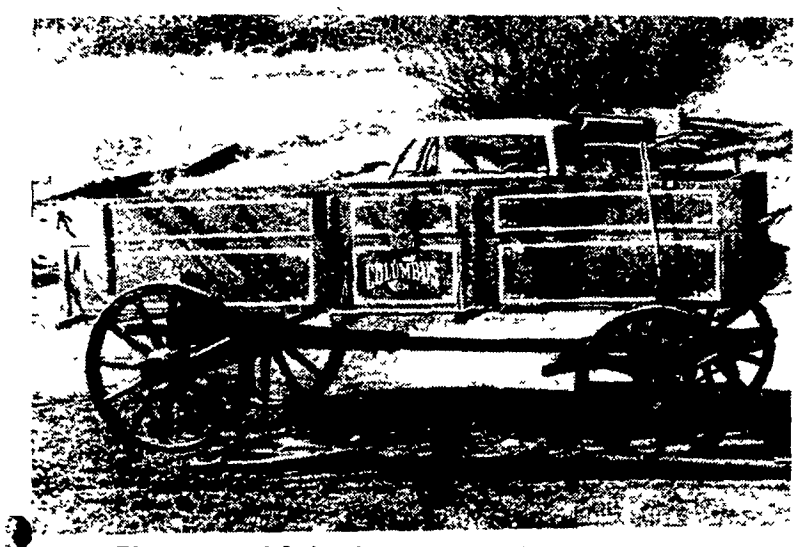
Barn reveals treasure from past

MANSFIELD — You just never know when a barn will reveal a real treasure. Like attics in a home, the rafters in a barn can be a "hiding place" for something out of farming's past.

For example, look what two young and inexperienced team-owners, Paul and Maureen Bailey, found in the small village of Ogdensburg in Tioga County.

When the present owners purchased a farm, they found a freight box hanging from the rafters in the property's barn. The wheels and running gear were located in a barn on a nearby farm.

It appeared that neither part had been used excessively.



The restored Columbus wagon as it now appears.

Apparently, the freight box was made for hauling grain since it is solidly built.

The original "Columbus" insignia with the wording "Established 1845" has been carefully repainted in authentic colors with the same TLC that the two employed in restoring the entire wagon to mint condition. The word "Pekin" appears on the back of the spring seat. The date 1909 appears below the trademark on the side of the freight box below Columbus.

Interested persons may call the Baileys at (717) 662-3302 concerning their find or write to them at RD 1, Box 228, Mansfield, Pa. 16933.

Lamb crop declines

DENVER, Col. — U.S. lamb slaughter levels may be below year ago levels this fall and winter because of a 5 percent to 10 percent drop in the 1983 lamb crop, according to Quentin Banks, an independent Denver-based market analyst.

"If slaughter levels decline as expected in October, the improvement in consumer confidence and tighter supplies at retail markets could lead to firm farm-level lamb prices," Banks said. However, he cautioned that ample supplies of other meats must be taken into consideration.

Banks said that drought conditions have increased the movement of Texas lambs into feedlots and substantial numbers of these Texas feeder lambs could be ready for slaughter at about the same time as grass fat lambs become available from Idaho. The portion ready for slaughter directly from pasture is likely to be higher this year, moving more lambs in the late summer but resulting in a tight supply of feeder lambs this fall. With orderly marketing a recovery in slaughter lamb prices this fall could be in the making.

The expected increase in consumer disposable income from recent tax breaks and better consumer confidence could help to support a moderate increase in slaughter lamb prices to the $55-$65 per cwt range.

Sheep and lamb slaughter in 1982 was the largest annual level since 1976 and during the first half of this year slaughter equaled 1982 levels despite a reduction of the total breeding herd last year.

"Liquidation of inventories appears to have accelerated during the first half of 1983," Banks said, "but the liquidation rate is expected to slow in the second half."

"A big portion of the increase in kill numbers during the first half of this year is from the slaughter of more ewe lambs," according to Eldon White, ASPC market analyst. "Orderly marketing and an aggressive lamb merchandising and promotion schedule for this summer and fall will contribute to a firmer market.

An honest day's work for your money. That's why you'll appreciate the new 200 Series balers from Massey-Ferguson. These square shooters are engineered to punch out firm, well-shaped and uniform bales that handle and store well.

Massey offers you a choice of three new 200 Series twine-tie balers to match your needs. The MF 220 and 224 models have 56" (142.2cm) wide pickups; the MF 228 features a 68" (172.7cm) wide pickup. The MF 224 and 228 models are also available with a wire-tie option.

Whether you are baling fine quality hay or fluffy straw, it all begins with the pickup. Massey engineers have designed it to feed heavy hay and straw more evenly. New flared pickup side sheets provide up to 10" (25.4cm) of extra gathering width to work in wide or wind-blown windrows. The reliable MF SureTie Knotter ties strong knots...bale after bale.

Improved design and performance carry right on through to the new MF 212 Bale Thrower. It has a separate, self-contained hydraulic drive unit plus electric speed and steering controls for convenient use inside cabs or with non-cab tractors.

If you're looking for a square deal on a baler, see us for a Massey-Ferguson rectangular baler...and get more value for your money. Come in and ask for a demonstration today.

Square shooter.

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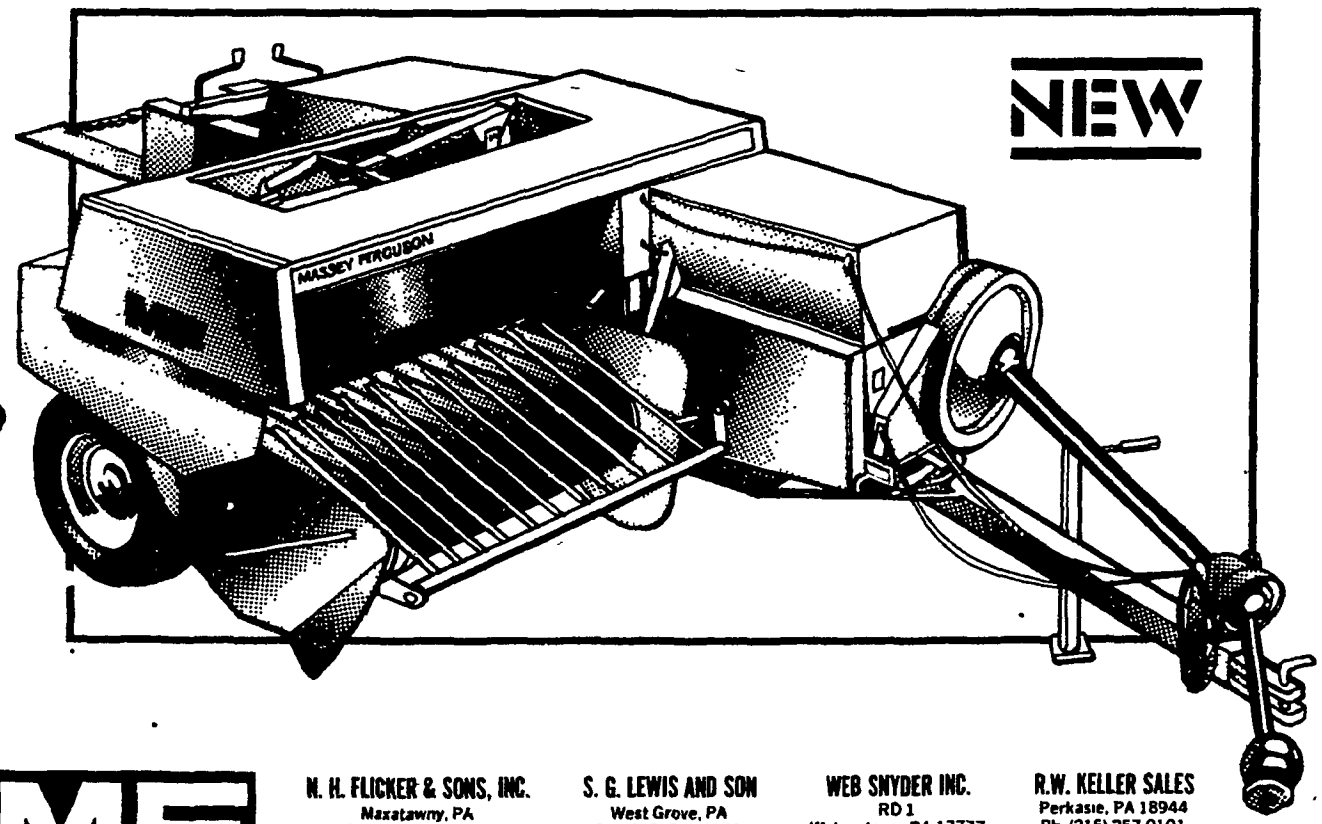

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Bentley to speak at Del. field day

NEWARK, Del. — Orville G. Bentley, U.S. Assistant Secretary of Agriculture for Science and Education, will be the featured guest at the University of Delaware's upcoming Farm and Home Field Day at the university substation near Georgetown, Wednesday, Aug. 10. Bentley will speak during the traditional post-luncheon ceremony which takes place in the farm grove shortly after 1 p.m.

The South Dakota native is responsible for directing and evaluating the U.S. Department of Agriculture's role in the food and agricultural sciences. The first person to fill the post, he was sworn into office in October, 1982, by Secretary of Agriculture John R. Block. The position was created in order to increase emphasis on the development of science and technology needed to expand the production of food, fiber and forest products to meet U.S. domestic and export needs at reasonable prices while maintaining the country's natural resources for future production.

Prior to assuming office, Bentley served as dean of the College of Agriculture at the University of Illinois. He has long been active in national and international agricultural affairs, and was a presidential appointee to the Board for International Food and Agricultural Development, Department of State.

Before joining the University of Illinois at Urbana-Champaign, Bentley was dean of the College of Agriculture and Biological Sciences and director of the Agricultural Experiment Station at South Dakota State University, Brookings.

Orville G. Bentley

He earned his bachelor of science degree from South Dakota State College in 1942 and his master of science and doctoral degrees from the University of Wisconsin.

Farm and Home Field Day will start at 8 a.m. and last until 8 p.m. Morning activities include wagon tours of corn, soybean and vegetable plots, a bus tour to the university swin facilities, and bus tours of the entire substation. There will also be a consumer program featuring the care and repair of old quilts. A fried chicken lunch will be served at noon in the grove.

Following the lunchtime program at which Bentley will speak, there will be a series of four concurrent in-depth educational programs covering such topics as field scouting for insect pests, risk and market management, forestry and woodlot management, and crafts of yesteryear. Throughout the day there will be exhibits, demonstrations, a plant clinic and an "Ask the Specialist" booth. A watermelon break and live bluegrass music will conclude the afternoon program.

For the first time field day is being expanded to include an evening program as well. This will start with a "Pig Pickin' " (roast pork supper) at 5 p.m., followed by farm tours (similar to those held in the morning), another woodlot demonstration, and talks on how farm families can cope with stress, and protect farm and home valuables.

Nu-Pulse post

LITITZ — Curtis L. Cassady, 519 Golden St., Lititz, has been named district sales manager for Nu-Pulse America, Inc. His district covers Pennsylvania, New Jersey, Delaware, Maryland and Eastern Ohio.

Sales manager for Keystone Nu-Pulse, of Cochranville, local distributor, Cassady is originally from New England and has been employed in agricultural sales for the past two decades.

Nu-Pulse America, Inc., headquartered in Jamesville, Wisc., was known as Americas International until recently. It is the worldwide distributor for Bodmin Nu-Pulse milking equipment.

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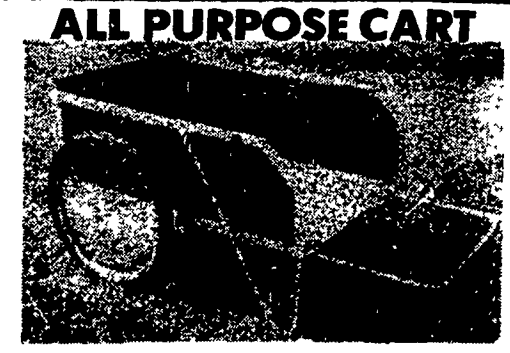

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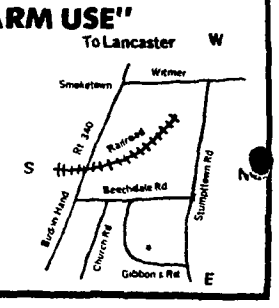

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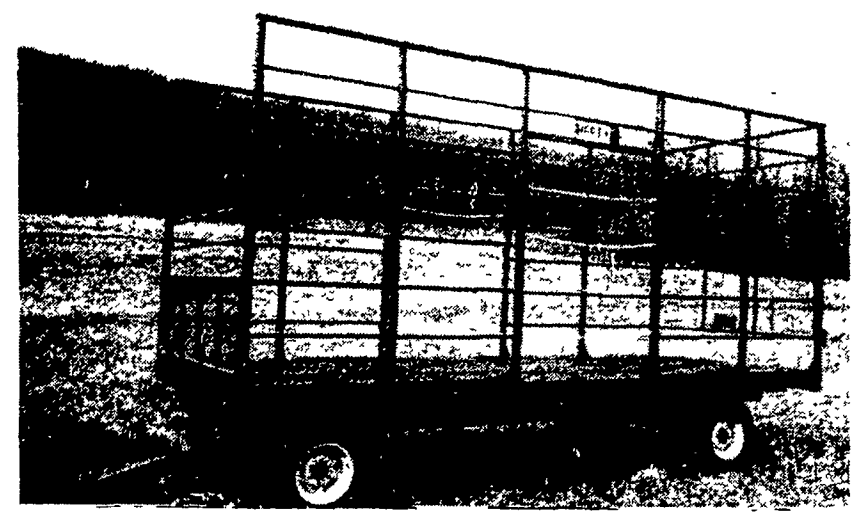

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Chester County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

May, 1983

The cow with high fat was owned by David K. Stoltzfus.
The cow with high milk was owned by Mast Stoltzfus.

OWNER NAME OR NUMBER	BRD	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
David K. Stoltzfus						
11	3	9-0	305	25,075	4.3	1067
46	3	3-2	305	20,281	3 6	735
E Robert Peifer						
19	3	4-10	305	21,428	4.8	1019
Ardrossan Farms						
Mbchime	1	4-5	304	21,875	4.4	959
Ponrose	1	4-10	305	23,252	3.9	907
Snowhi	1	3-10	305	20,591	4.3	889
Svmaaml	1	8-7	305	20,088	4.4	885
Pg-bell	1	4-2	305	19,074	4.3	825
Justvue	1	2-6	305	16,067	4.6	744
Slucete	1	3-4	305	16,581	4.4	736
Elmer A. Mast						
Hannan	3	9-1	305	20,715	4.4	921
Mast Stoltzfus						
Lavarn	3	4-11	305	22,124	4.0	894
Timex	3	4-10	305	28,315	2.8	797
Charles J. Moore						
Fannie	3	4-8	305	19,446	4.5	876
Lizzie	3	4-8	305	21,589	3.8	827
Sue	3	2-6	305	22,907	3.1	708
Jefferson D. Yoder						
7	3	3-8	305	24,899	3.5	870
10	3	4-7	305	21,882	3.4	739
20	3	3-9	305	18,336	4.0	729
John S. Stoltzfus						
Fiddle	3	6-8	305	21,315	4.0	857
Maxi	3	5-9	305	26,273	3.3	856
Dart	3	6-2	305	19,945	3.9	771
Harriet	3	3-2	305	20,010	3.7	737
Patient	3	4-1	305	15,723	4.5	709
Wilmer L. Hostetter						
Mary 43	3	3-11	305	22,606	3.8	852
Calvin R. Blank						
Pphylis	3	4-5	305	19,914	4.3	847
Henrita	3	4-0	305	21,302	3.6	766
Judy	3	4-8	305	22,335	3.4	751
Rachel	3	2-11	305	18,819	3.8	724
James V. Yale						
50	3	7-7	305	18,911	4.4	841
68	3	3-9	305	16,802	4.5	754
48	3	8-11	305	17,788	4.2	741
Charles H. Gable						
251	1	8-3	305	18,251	4.6	840
230	1	9-10	305	14,287	5.0	712
Gottlieb Strohmaier						
Verna 10	3	3-9	305	21,112	3 9	832
142	3	2-3	305	17,001	4 1	702
Donald H. Windle						
314	3	5-9	305	20,658	4 0	828
Bryncold Farms Inc						
P969	3	7-1	305	19,558	4 2	827
P955	3	5-3	305	16,507	4 3	708
Kulp Bros						
248	3	4-0	297	18,259	4 5	827
196	3	5-7	292	20,217	3.8	760
241	3	4-4	305	17,722	4 0	706
H & R Mason						
13-G	3	4-1	290	21,334	3 9	825
52-E	3	4-11	300	20,704	3.8	779
17-H	3	4-8	305	19,517	3.9	753
21-E	3	2-10	305	20,485	3.6	745
Merle J King						
Fancy	3	5-11	305	22,024	3.7	824
Paul King						
Becky 88	3	4-3	305	22,954	3.6	821
Lily 392	3	4-6	305	20,578	3.9	809
Lloyd Mast & Sons						
167	3	4-3	305	22,103	3 7	819
111	3	5-8	305	20,672	3 8	793
C Edward Lawrie						
54	3	3-10	305	22,568	3.6	818
86	3	5-11	305	20,975	3.6	752
52	3	4-9	305	18,449	3.9	711
94	3	3-1	305	19,172	3.7	710
Walmoore #3						
0007	3	3-8	305	20,082	4 0	805
806	3	5-0	305	16,295	4 4	715
John M Umble & Sons						
Daisy	3	4-6	305	20,625	3.9	803
Brenda	3	2-5	305	20,369	3.8	777
Parry Bros						
567	3	5-7	305	19,986	4.0	803
Maplesway Farm						
Lady	3	4-8	305	20,550	3.9	797
Life	3	3-11	305	19,994	3.7	732
Jami	3	3-6	305	16,935	4.2	715
Ronald F Ellicott						
244	3	3-1	305	17,039	4.7	795
Richard L. Hoover						
38	3	3-11	305	17,259	4.6	791
59	3	3-6	305	20,208	3.6	735
81	3	2-6	305	16,802	4.2	713
Penn Valley Farm						
89	3	4-8	305	22,395	3.5	780
Lester Eby						
Bess	3	2-9	305	18,226	4.3	780
Lydia	3	4-10	305	19,957	3.7	745
Kitt	3	4-10	305	19,880	3.6	723
E. Richard Hoopes						
146	3	4-9	305	20,979	3.7	775
B32	3	4-3	305	19,187	3.8	732
Walmoore 1						
981	3	8-3	305	21,405	3.6	771
209	3	5-6	305	19,888	3.5	703
Round Top Farm						
29	3	6-8	305	22,511	3.4	766
David E. Weaver						
Whisper	3	2-10	305	18,172	4.2	764
Amy	3	4-0	305	22,702	3 2	721
Polly	3	4-0	305	17,716	4 2	718
Donald M Horning						
61	3	6-6	305	23,804	3.2	762
J. Raymond Harnish						
Ethel 44	3	4-5	305	19,075	4 0	757
Shell 27	3	7-2	305	20,434	3.7	756
Linda 10	3	3-7	295	20,824	3.5	738
Glen H Freese						
Royal 58	3	2-6	305	18,846	4 0	757
Moran Bros						
96	3	4-5	305	18,366	4.1	753
21	3	4-5	305	21,106	3.4	713
Vernon Guest & Son						
Elsa	3	3-9	305	22,600	3 3	749
Harold R Kulp						
Wilmo	3	3-1	305	18,955	3.9	748
Ridglea Farm						
64	3	4-2	305	20,725	3 6	745
Jonas Z. King						
6	3	5-7	305	20,872	3 6	742
J Elmer Lapp						
Lilian	3	4-8	305	18,795	3.9	741
Herman Stoltzfus						
Queen 31	3	5-2	305	22,468	3 3	737
David Bartram						
300	3	4-5	305	19,884	3.7	737
Hargret Dairy Inc.						
113	3	4-11	301	18,626	4 0	736
Delphi Farms						
105	3	5-6	305	18,443	3 9	725
93	3	6-5	305	16,127	4.4	708
J. Kenneth Landis						
Liza	3	8-5	305	18,860	3.8	721
Mrs John B. Hannum 3D						
88	3	4-2	305	18,122	4.0	720
263	3	3-2	305	19,854	3.6	718
Floyd Miller & Sons						
28	3	4-4	305	21,310	3.4	719
Swan View						
Juliet	3	3-3	305	18,982	3 8	719
Kenneth I Miller, Sr & Jr						
78	3	3-11	305	19,916	3 6	716
Willowland Farm						
Racquel	3	2-11	305	19,386	3.7	716
Glenville Farms						
406	3	4-1	305	19,254	3 7	715
Donald Speakman						
37	3	4 2	305	18,973	3 7	710
Richard Proud & Son						
B69	3	2-3	305	17,982	3 9	708
B72	3	2-9	305	17,291	4.1	702
Kenneth Umble						
Trula	3	6-2	305	16,595	4.3	708
Robin	3	2-0	305	18,737	3.8	703
Ben Beiler & T Barlow						
Nelly 13	3	2-0	305	17,666	4.0	702

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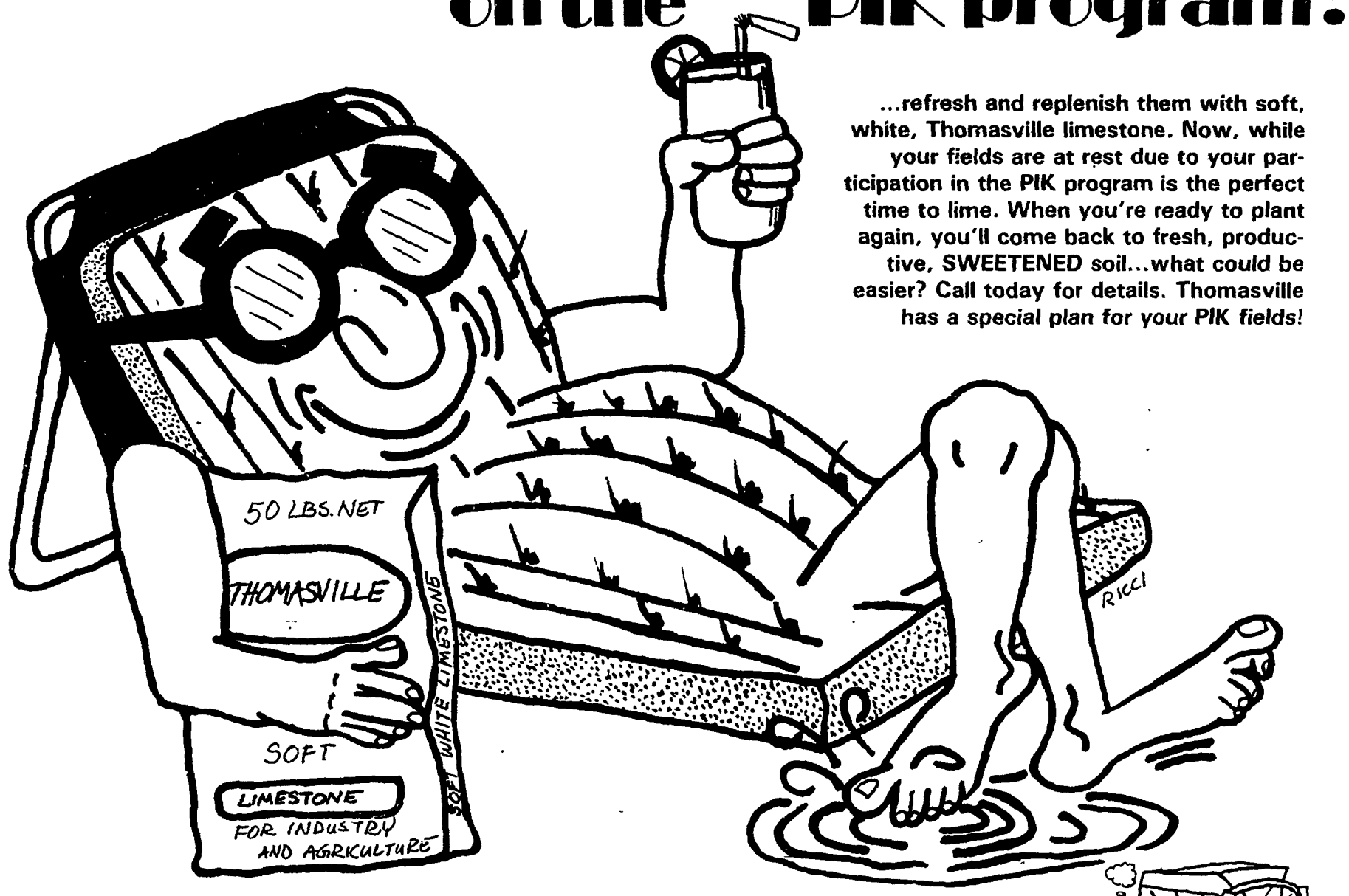

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New Jersey native wins top Angus honors

AUGUSTA, N.J. — A steer exhibited by Mark Zimmerer of Colts Creek, New Jersey, took top honors from a field of 46 entries at the 1983 New Jersey Angus Field Day held recently in Augusta, N.J.

For reserve champion honors, judge Randall Updike of Washington, Virginia, selected an Angus steer shown by Tammy Eisenhower of Wellsville.

Crossbred steer honors were earned by an Angus-cross steer led by Fritz Frey of Quarryville. The reserve crossbred champion title went to Roy Hedrick, Petersburg, W.Va., and his Angus-cross steer.

In the senior showmanship contest, Updike chose Chad Cash of Centre Hall as the winner. Diane Krause of Slatington placed second.

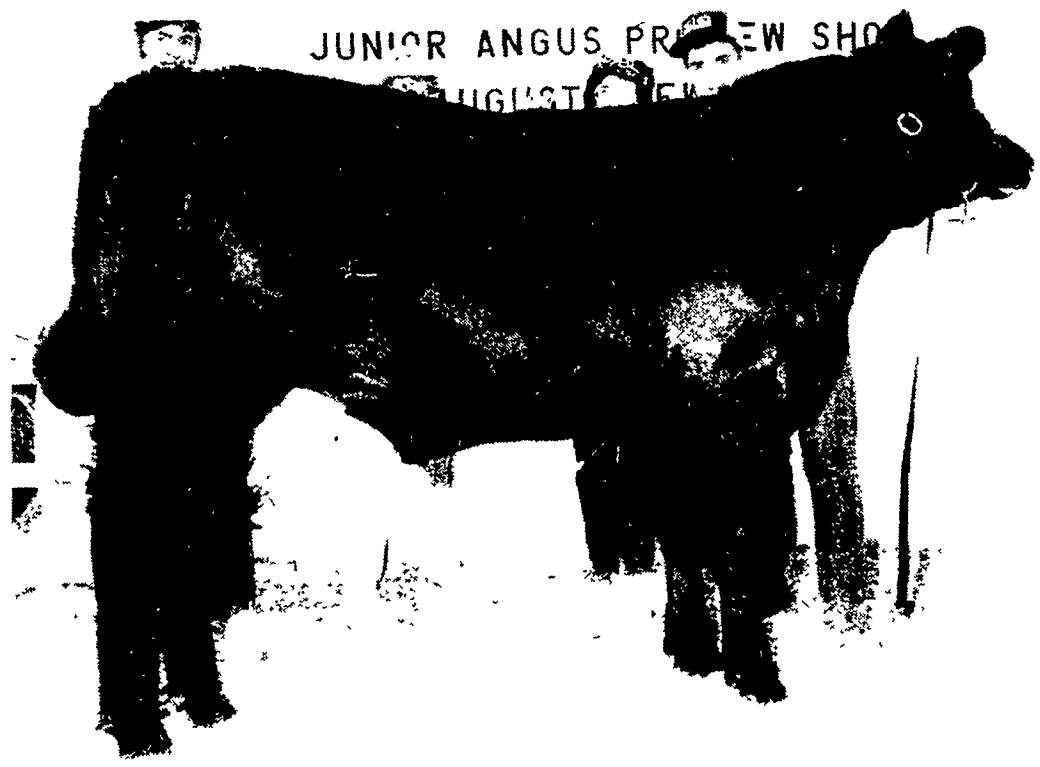
Intermediate showmanship honors were earned by Jan Waltz of Manheim, while Mark Moxley, West Friendship, Md., was named reserve intermediate showman.

Beginner showmanship honors were won by Walt Zimmerer of Colts Creek, and the reserve title went to Vincent DelGaizo of Newton, N.J.

Also receiving recognition at the show were Mr. and Mrs. Walt Zimmerer of Colts Creek. The Zimmerers were presented a Historic Angus Herd Award by Bill Powell, American Angus Association regional manager, for being in the Angus business for 33 continuous years.

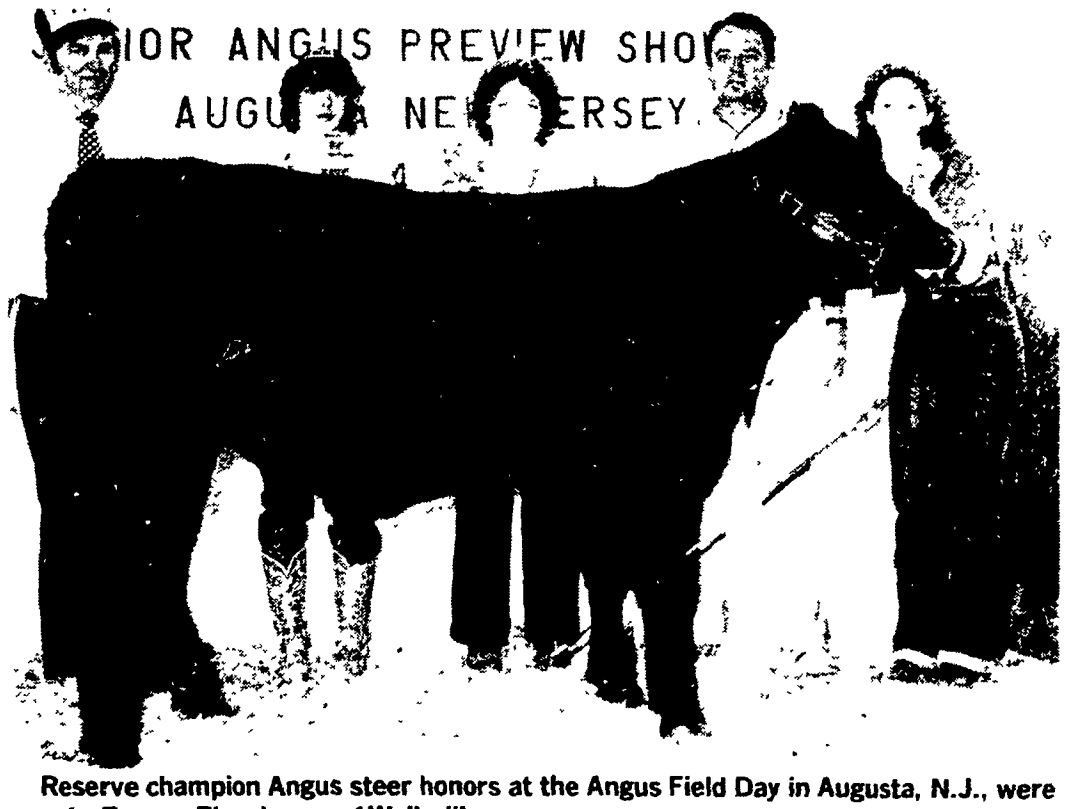
The New Jersey Angus Field Day was held in conjunction with the Northeast Regional Junior Angus Preview Show.

A Historic Angus Herd Award for being in the Angus business for 33 continuous years are presented to Erma and Walt Zimmerer of Colts Creek, N.J.



Champion crossbred steer honors at the New Jersey show went to Fritz Frey of Quarryville.

Senior showmanship laurels at the New Jersey Angus Field Day in Augusta went to Chad Cash of Center Hall.



Reserve champion Angus steer honors at the Angus Field Day in Augusta, N.J., were won by Tammy Eisenhower of Wellsville.

Jan Waltz of Manheim won intermediate showmanship honors at the New Jersey Angus Field Day.

Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Let's Look For Ideas

It's easy to be critical. the real test is to come up with constructive alternatives. That almost sums up the dairy problem. Dairy farmers themselves are going to have to take the initiative. Somehow they must turn the continuing drop in consumption around.

An Alternative

One of the major factors that has caused reduced consumption of milk and milk products is FAT. It is an unfortunate thing that a product with only 3.5 to 4 percent fat should be linked with the conotation of FAT. Another related problem is cholesterol. This is a fatty acid that is linked to heart disease. Popular magazines, AMA, and others have used fat and cholesterol as tools for the development of popular articles, research papers, and adverse publicity for milk. How do dairymen fight back? Primarily it is by saying to each other "it isn't true".

In not too far back issues of Saturday Evening Post, I finally saw two articles that dairymen should latch onto. One had to do with bone degeneration as a result of inadequate calcium intake. This degeneration hits a major portion of our population. What is more this portion is notorious underusers of milk and milk products. If dairymen were serious about turning things around why not put on a good advertising campaign on bone degeneration and its effects on physical appearances as well as general health.

A second article was less scientifically oriented but even more dramatic in its claims. It had to do with Herpes and related disease organisms and L, lysine. The claim was that use of L, lysine reduced the incidence of herpes (fever blisters or cold sores as well as the sexually transmitted one) and reduced the severity of the attack if a person had one of the herpes. The article gave a list of foods high in this amino acid. Guess where milk and cheese were? Well milk was fifth on the list. Now dairymen have a second potential target audience. By the way the article related chicken pox and shingles virus to the herpes virus.

My constructive alternative is a national advertising and research program by dairymen for dairy products that reaches specific segments of the population. In other words target the audience. Aim at those concerned with cholesterol with a pitch for skim milk (it can be made to be tasty with a touch of vanilla extract.) Appeal to women (who are most prone to bone degeneration) to keep themselves young, active, and attractive by using the best natural source of calcium available - milk. Work with some of the retired peoples organizations on the need for calcium in their diets.

Research

No company remains viable with out a good research and development unit. Some of the giants of the past failed because investors and customers lost faith in them because they did not keep up with the times. In other words they quit developing new products. How long has it been since the dairy industry has developed anything new? Perhaps it needs a new taste, a new appearance, or a new product. Dairymen - your future and the future of the next generation of dairy farmers is at stake. If you do nothing a lot of dairymen will go out of business so the rest can survive. If simply cutting production is the solution, what happens next time? Even if dairymen promote, develop new products, go on quota, etc there is no guarantee of prosperity for all. But is it not worth the try?

Sprayers need care

NORRISTOWN — Sprayers are important pieces of equipment for most farmers. Herbicides, insecticides, fungicides, growth regulators, and fertilizers are applied with boom sprayers.

"The proper selection, calibration, use, and maintenance of boom sprayers are very important for the efficient and effective application of crop chemicals," says Joseph H. Way, Montgomery County Agricultural Agent. There are many options available to match the sprayer to the specific task. For example, a sprayer to broadcast herbicides is very different from one used to apply insecticides on a row crop.

Sprayers should be checked before use for proper application, including uniformity and rate of application. Way says that calibration tests are easy and provide a very accurate check on application rate.

... nozzles that produce a course spray resistant to drift should be used with herbicides. When applying insecticides, fungicides or growth regulators, use higher-pressure nozzles that produce a misting spray for good coverage of plant foliage.

Cleaning is very important maintenance with sprayers. All pesticides should be cleaned from a sprayer to prevent corrosion, cross contamination, and pollution.

For detailed information on these and other points, obtain a copy of the new 21-page booklet "Boom Sprayers" (NRAES-19). Copies are available from County Extension offices or write to Boom Sprayers, 204 Agricultural Engineering Building, University Park, PA 16802. Cost is $2.00 per booklet; make check payable to The Pennsylvania State University.

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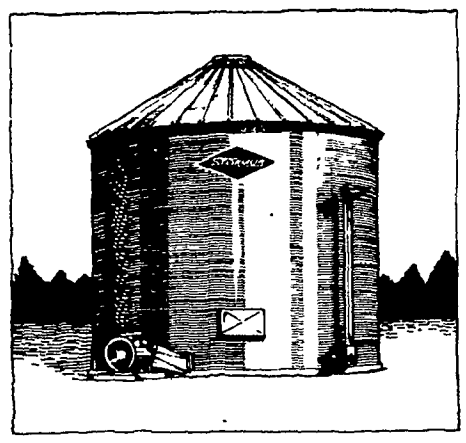

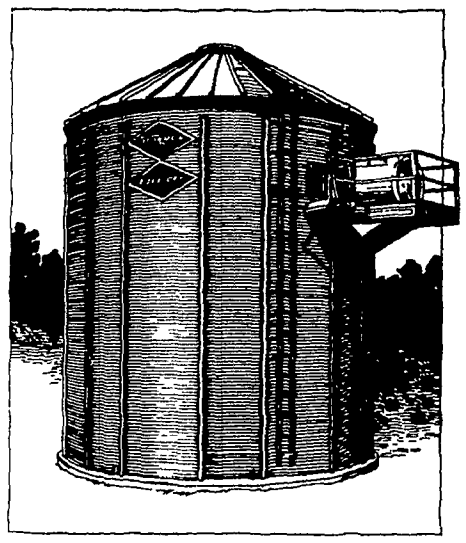

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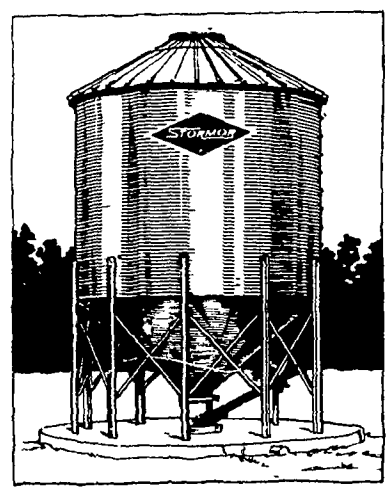

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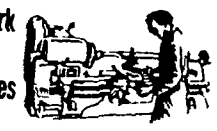

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Egg export help asked

WASHINGTON, D.C. — Sen. Jesse Helms, Chairman of the Senate Agriculture Committee, confirmed that he and 10 other Senators have written President Reagan, asking him to take active measures to combat the excessive use of export subsidies for eggs used by the European Economic Community and other countries.

The North Carolina Senator's letter specifically asked the President to authorize the Secretary of Agriculture to implement an export promotion program to assist United States egg producers in filling an order for eggs from the government of Iraq. An order from Iraq was lost earlier this year because of the price disparity between U.S.-produced eggs and egg exports subsidized by the European Economic Community.

The Senators urged the President to use the more than $75 million still available for fiscal year 1983 from the funds mandated to be spent by the Helms Amendment to the Omnibus Budget Reconciliation Act of 1982. "We respectfully urge you to see that part of these funds are used for United States eggs to make the price competitive and allow our producers renewed access to overseas markets."

Senator Helms, in a separate letter to the President, stated, "It is time for the United States to take stronger steps to help American farmers counter the unfair trade practices of foreign nations. (Recently), we ended 6 months of intensive bilateral negotiations with the European Economic Community on agricultural trade problems, which produced no satisfactory settlement. Similarly, consultations with Brazil have not resulted in the needed solutions."

Helms indicated the Congress is ready to act on a variety of measures if negotiations continue to fail to bring about an end to these predatory practices. He cited the adoption in the Senate last week of an amendment to the Agriculture Appropriations bill which requires that a minimum of $5 million in funds or commodities be used to counter the unfair trading practices of other countries. The Senate also, on June 8, adopted a Helms amendment to the bill to increase U.S. funding to the International Monetary Fund, designed to deny IMF funds to nations which use predatory export subsidies. The Agriculture Committee recently reported to the Senate H.R. 2733, containing a provision mandating the Secretary of Agriculture to spend $300 million in fiscal years 1984 and 1985 for export activities. And, in March of this year, Helms' Senate Agriculture Committee reported S. 822, the Agricultural Export Equity and Market Expansion Act, which is currently pending on the Senate calendar.

U.S. egg exporters have been suffering from depressed prices due to the predatory export subsidies of the EEC, Brazil and other countries. For instance, the EEC recently increased its subsidy on egg exports for 11 cents per carton. U.S. egg exports between 1981 and 1982 were cut in half by the predatory practices employed by the EEC, and this year egg exports are at a virtual standstill.

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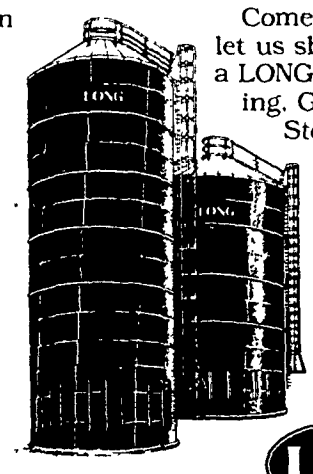

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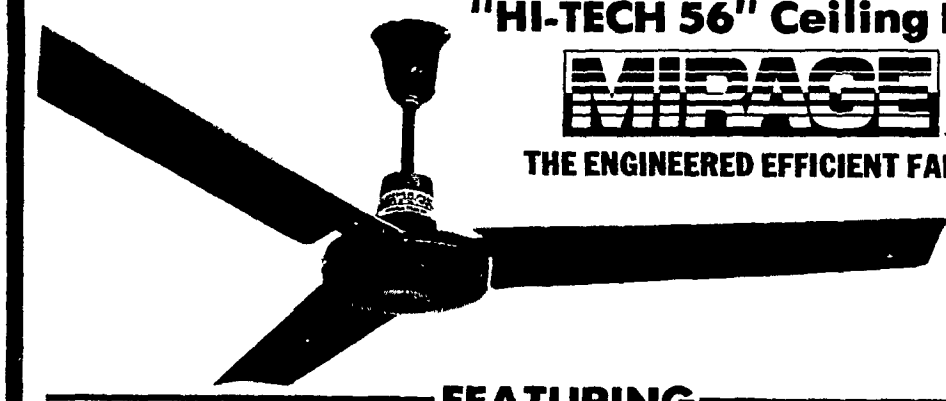

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Wayne County lists fair livestock rules

HONESDALE — All Wayne County Fair livestock exhibitors are reminded by the Wayne County Agricultural Extension Service that special livestock entry forms are required for all livestock species, and various health requirements must be met for all animals.

The livestock entry forms have been mailed to those who exhibited last year but additional forms are available in the Extension Office. Entry forms must be completed for each individual and group entry and returned to the Extenstion Office prior to the deadline of July 25.

All dairy and beef animals to be exhibited must have health certificates issued by the Regional Office, Pa. Department of Agriculture, Tunkhannock, Owners of certified - accredited herds can secure certificates upon request. Animals from modified certified - accredited herds, or area tested herds, may need special testing, which is conducted by a local veterinarian before the certificates are issued. In this case exhibitors should contact their veterinarian promptly so that necessary arrangements can be made.

Shipping fever vaccination is also required for cattle and a report of such treatment must accompany the animals.

In addition, all exhibitors of cattle and sheep must have a statement issued by the local veterinarian indicating that the herd has been inspected and found to be free of disease.

Shipping fever vaccination is recommended for sheep. Hogs must be blood tested.

Exhibitors will need breed registration papers for dairy, beef, and sheep breeding animals.

In summary, special livestock entry forms must be submitted to the Extension Office by July 25 and registration papers and the required health certificates must accompany the animals when they are brought to the fair.

Additional information on livestock entries can be secured by contacting the Wayne County Extension Office at 717-253-5970 ext. 114.

Entry day for all livestock will be Tuesday, Aug. 9 with a deadline of 5 p.m.

Pa. horse breeders elect

KENNETT SQUARE - Richard D. Abbott was elected to his second, one-year term as president of Pennsylvania Horse Breeders' Association by the organization's board of directors June 30. Abbott, an attorney, is a partner in Charlton Bloodstock Agency and operates the agency's farm, Charlton, in Cochranville, Chester County.

Pennsylvania Horse Breeders' Association is a not-for-profit organization devoted to owners and breeders of thoroughbred racehorses. PHBA's primary function is administration of the Pennsylvania Breeding Fund, a state-funded breeders' incentive program.

Re-elected vice president of PHBA was Paul D. Mills. The leading recipient of awards from the Breeding Fund for the past six years, Mills operates Willow Tree Farm in Hellam, York County.

Mrs. Joseph Walker Jr. of Unionville, Chester County, was re-elected secretary. Mrs. Walker breeds for the commercial market and campaigns runners in the colors of her Rolling Plains Stable.

Bernard J. Daney of Wilmington, Del., a CPA and vice president of operations for Brandywine College, was elected to his first term as treasurer. Homebred Parfaitement carried the Daney colors in this year's Kentucky Derby and Preakness Stakes.

Five new members of the PHBA board were elected at a recent annual meeting of members. New directors include JoAnn D. Alexander of Pequea, Lancaster County; Roy V. Bergman VMD of Cochranville, Chester County; Donald E. DeNenno of West Chester, Chester County; C. Thomas Fuller of Catasauqua, Lehigh County; and C. Harold Segraves of Saxonburg, Butler County.

Sheep/shawl contest set

HARRISBURG — Sheep to Shawl enthusiasts, lend an ear! The Northeast Regional Sheep to Shawl Contest has been scheduled for Saturday, Nov. 5, 1983 at the Farm Show Building in Harrisburg.

The event has been included in the Keystone International Livestock Exposition's schedule of events for the second straight year. The contest will begin at 8 a.m., Saturday on the main exposition floor, with auction of the shawls scheduled at 12:30 p.m., after they have been judged.

This is one of two Sheep to Shawl Contest in the state. The other contest, the Pennsylvania Sheep to Shawl Contest has become a Pennsylvania Farm Show tradition. It's scheduled for Wednesday, Jan. 11, 1984 at the Farm Show Building from 6 p.m. to 8 p.m., and an auction time at 9 p.m.

More than $600 in premiums, ribbons and trophies will be awarded in the contests. Entry deadline are Sept. 15, 1983 for the Northeast regional contest and Dec. 1, 1983 for the Pennsylvania contest.

For a complete set of rules and regulations, send your name, address and phone number to: SHEEP TO SHAWL CONTEST, Pennsylvania Department of Agriculture, 2301 North Cameron Street, Harrisburg, Pa. 17110.

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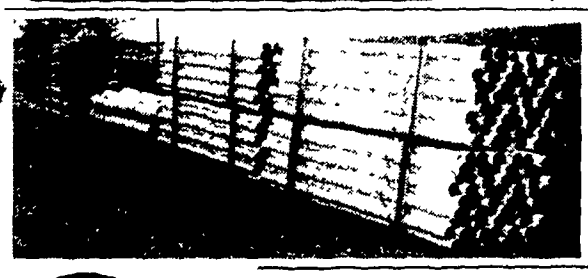

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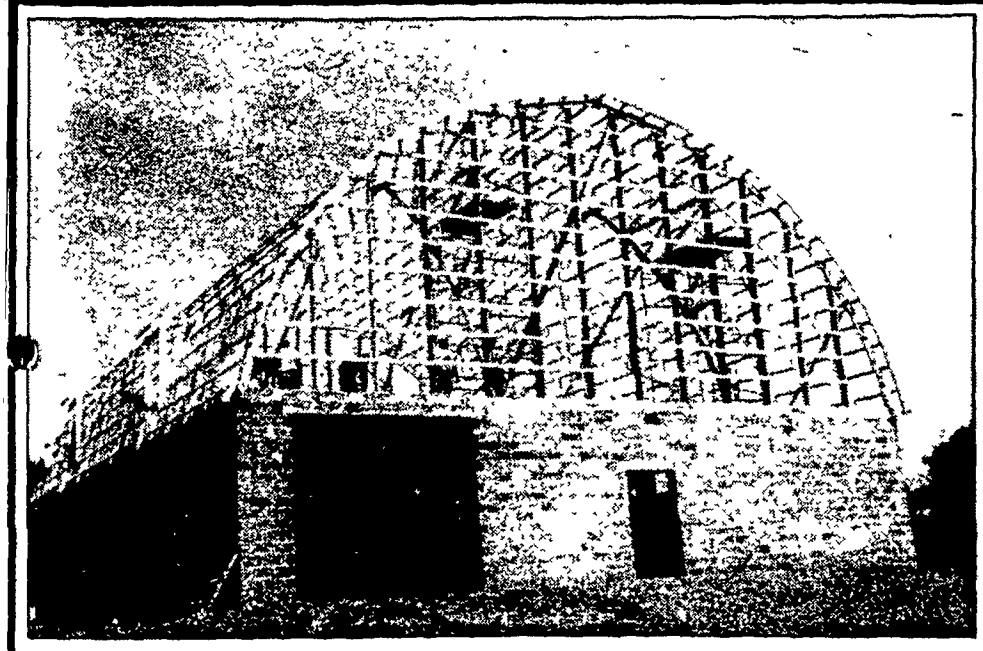

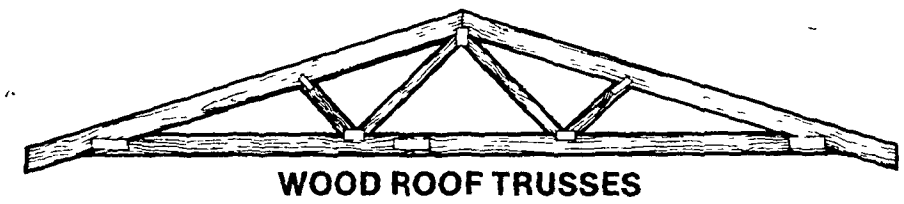

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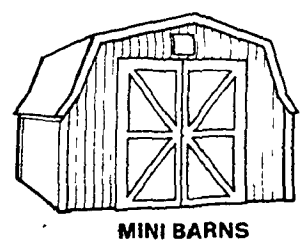

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Agreement reached on coccidiosis research

BELTSVILLE, Md. — Genetically engineered proteins, required as a first step in devising a potential vaccine against a serious disease of poultry, will be produced by three companies under an agreement with the U.S. Department of Agriculture.

Harry D. Danforth, microbiologist with USDA's Agricultural Research Service, said today that the joint venture's goal is to develop a broad-range vaccine against coccidiosis. This parasitic intestinal disease annually costs the U.S. poultry industry more than $150 million in direct losses and about $100 million for anticoccidial drugs, he added.

Joining USDA in the agreement are Hoffman-La Roche, Inc., Nutley, N.J.; Genex Corp., Rockville, MD.; and Vineland Laboratories, an affiliate of ImmunoGenetics, Inc., Vineland, N.J.

According to the agreement, proteins called antigens will produced by use of monoclonal antibodies furnished by USDA's research agency, Danforth said.

Agency researchers are producing these antibodies via the hybridoma technique wherein spleen cells from mice inoculated with the coccidial parasite are fused with mouse cancer cells grown in cell cultures.

Fused cells resulting from this biotechnology not only possess the immortality of cancer cells but also manufacture identical antibodies that react with specific forms of chicken coccidiosis, Danforth said.

Danforth and his colleagues at the Poultry Parasitic Diseases Laboratory here have produced monoclonal antibodies against several species of coccidiosis. Their work, reported last year at a meeting of the Poultry Science Association, was considered the first step in formulating a vaccine against the disease.

The agreements to produce the antibodies were executed here on June 29 by William H. Tallent, administrator for the Northeast Region of ARS; L. Patrick Gage for Hoffman-La Roche; Joseph G. Perpich for Genex Corporation; and John F. Bradley for Vineland Laboratories.

All three companies in the project had responded to a government request for proposals published in Commerce Business Daily, Danforth said. Each agreement, or memorandum of understanding, defines procedures of USDA-industry cooperation, but does not transfer funds between any of the parties.

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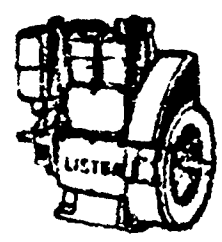

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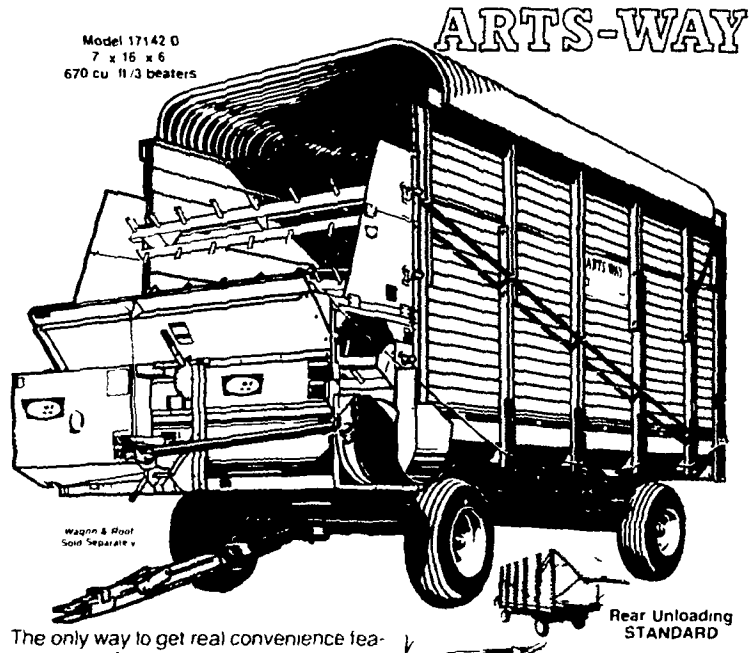
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Johnsongrass control measures outlined

NEWARK, Del. — Johnsongrass is an undesirable weed which spreads rapidly and seriously reduces crop yields. With the labeling of two new herbicides, this pest can at last be controlled effectively in soybeans, though control is still difficult in corn and some vegetable crops, says University of Delaware extension crops specialist Frank Webb.

The herbicides he's talking about are Fusilade and Poast. "We've been waiting a long time for them," says the specialist. "They've finally been cleared after six years of testing."

Webb has been working with the two chemicals in weed control demonstration plots under an experimental label for several years. He recommends their use for johnsongrass control in soybeans.

In cases of heavy infestation he says it is best to cut up rhizomes thoroughly by disking several times before planting. Then apply standard residual soybean herbicides, and when johnsongrass is 12 to 20 inches tall, spray it with either Fusilade or Poast at rates listed below. Use sufficient volume and pressure to insure complete coverage. "There will be no injury to the soybeans," Webb says, "but these materials will kill all grass species present."

With ground equipment, he recommends using a minimum of 10 gallons per acre and 30 to 60 psi pressure. Apply as a fine spray, avoiding coarse spray applications. Do not treat if rainfall is expected within one hour.

For control of rhizome-johnsongrass, Webb recommends the following spray preparations and rates:

FUSILADE — ½ pt./A. on johnsongrass 12 to 18 inches tall.

Always add one of the following:

1. Crop oil concentrate (containing 15-20 percent surfactant) 1 gal./100 gal. of spray solution, or.

2. Nonionic surfactant (80 percent surface active agent) 1 qt./100 gal. of spray solution.

If regrowth occurs or new plants emerge, treat again when they are 6 to 12 inches tall using 3/8 pt./A of Fusilade plus crop oil or surfactant at the rates given above.

POAST — 1½ pt./A on johnsongrass 15 to 20 inches tall, adding 2 pt./A oil concentrate.

If regrowth occurs or new plants emerge, make a second application of 1 pt./A at 6 to 10 inches, using crop oil at a recommended rate.

Do not cultivate seven days before treatment or until seven days after treatment. However, timely cultivation after that will aid in grass control.

To control seedling johnsongrass only, Webb recommends one of the following treatments:

FUSILADE — 3/8 pt./A on johnsongrass 2 to 4 inches tall, plus oil concentrate or surfactant.

POAST — 1 pt./A on johnsongrass 3 to 8 inches tall, adding oil concentrate.

For light infestations (scattered rhizome and seedling johnsongrass), spray soybeans in infested areas with Fusilade or Poast at rates recommended for heavy infestations. Or treat with Roundup using a recirculating sprayer or a rope wick applicator, at rates listed for the method selected, or treat as follows:

1. Wick bar applicators - 1 part Roundup to 2 parts water.

2. Recirculating sprayers - 3 qt. Roundup to 20 gal. water.

Unfortunatley, says Webb, there are not equally effective programs for seedling johnsongrass control in no-till corn. However, he has developed a program which gives reasonable rhizome control and excellent seedling control in conventional corn and corn grown for silage. In vegetable crops, the specialist says johnsongrass control depends on timely management.

For details and recommended treatments on other crops, he suggests growers contact county extension offices in Newark, Dover or Georgetown and ask for the fact sheet, "Delaware Johnsongrass Control Programs."

Pa. Forage *Dairy Day*

Milton Hershey School Farms 9 a.m. - 4 p.m. July 19

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Case Uni-Loader® - the skid-steers that do it all "by hand".

Case Uni-Loader puts the power in your hands (no foot pedals to slow you down) with two hand levers that control everything — power, speed, direction, loader and bucket functions.

With Uni-Loader, livestock raisers get that scraping, lifting, hauling and dumping done faster and easier than ever.

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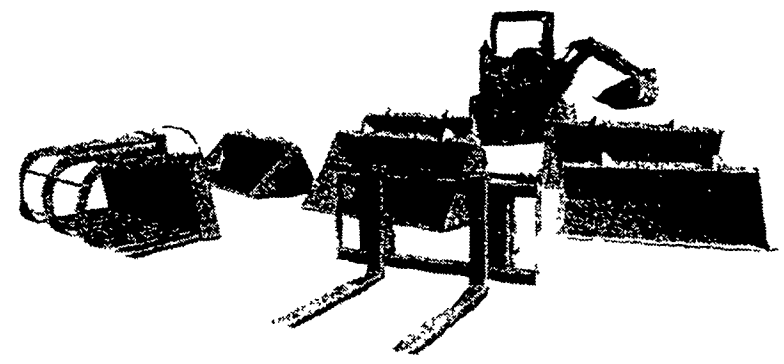
Model 1835 Uni-Loader (shown above) — Offers choice of reliable Case water-cooled engines: 32 hp (23.9 kW) gasoline or 34 hp (25.4 kW) diesel. Low profile — fits through 7' (2 134 mm) doorway. Overall width just 54" (1 372 mm). Lifts 1200 lbs. (544 kg) to 9'2" (2 794 mm) for easy truck or bin loading. Separate oil reservoirs and dual filtration protect hydraulic system from final drive contaminants. Variable speed, forward and reverse, to 6.1 mph (9.8 km/h).

DO YOU HAVE THIS?

Will fit through 36" doorway

1845 Uni-Loader (right) — Hefty 1700 lb. (771 kg) load capacity. Big 45 hp (36.5 kW) Case water-cooled diesel or gasoline engine. Self-leveling loader, 9'9" (2 972 mm) lift height. 3 separate oil reservoirs plus dual 10-micron filters protect against contaminants. Variable speed, forward and reverse, to 6.2 mph (10.0 km/h).



DID YOU KNOW?

That only case. Uniloaders offer engines built by their own engine plants in all current models (except 16 HP). This fact eliminates buying engine parts from other vendors which are often foreign-made imports, creating a parts availability problem which many farmers have already experienced.

case. uses the 188 cu. in. diesel engine which held the fuel economy record for all diesel tractors (under 40 HP) ever tested at Nebraska.

case. gas engines are 159 cu. in., the same as used in the 530-580 model Loader Backhoe Industrial Tractors.

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$650,000 being used to clean streams

HARRISBURG — Federal soil conservation officials are providing financial and technical help to clear and restore streams damaged in a series of severe local storms across the State.

According to John Mank, Assistant State Conservationist for the U.S. Soil Conservation Service (SCS), "Six hundred and fifty thousand dollars in SCS emergency funds is being used to clear and reestablish streams in four Pennsylvania counties. Floods in the Bedford-Bedford Springs area resulted in severe deposition in stream channels with many streams blocked by fallen trees." Mank reports that eight contracts have been awarded for $200,000 of work. Involved streams include Evitts Creek, Rocklick Creek, Dunnings Creek, Barefoot Run, Shobers Run, Dunkard Hollow Run, and Buffalo Run.

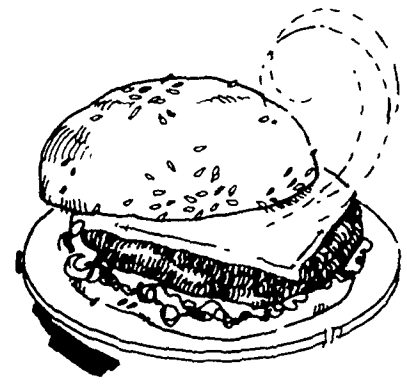
Seven contracts have been awarded in the Mill Hall area of Clinton County for over $400,000 of stream debris clearing and restoration. Work is underway on Laurel Run, Sugar Run, Little Sugar Run, Masden Run, and Plunket Run.

Two additional contracts have been awarded in two western Pennsylvania Counties. Stream restoration and debris clearance is being done on Lowango Run, Mercer County, and in streams of Mineral Township, Venango County. Mank stated that these jobs would total around $20,000.

According to Mank, SCS is authorized to do emergency flood stream restoration work under Section 216 of the Flood Control Act of 1950. Work is limited to extreme emergency conditions where there is a threat to life and property.

Work is limited to debris removal to open and restore streams to preflood condition. Streambanks are stabilized with riprap, rock-filled wire baskets or vegetation. All disturbed areas are reseeded.

Mank added that all work is done to maintain environmental quality. SCS conservationists plan the stream work, award the contracts, pay for the work and supervise the construction. Local sponsors arrange for landowner easements. All work is accomplished in cooperation with the county conservation district and the local municipality. The requests for SCS help on stream restoration originate from the local government and the USDA County Emergency Board.



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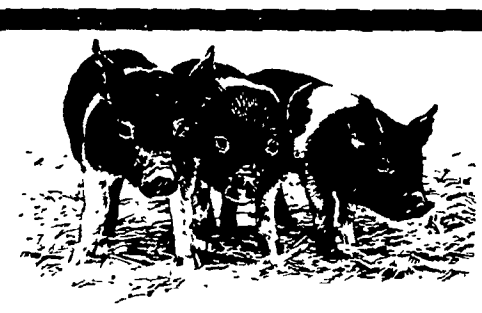

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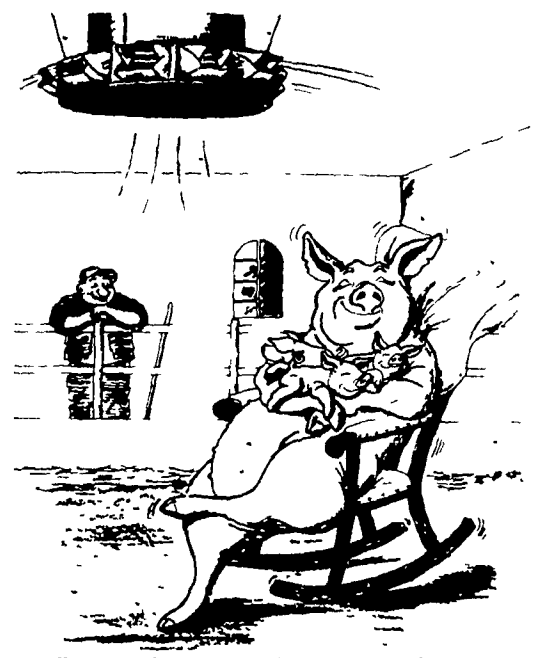

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Alternate swine energy sources given

NEWARK, Del. — Barley and wheat can replace all or some of the corn in swine diets. There are usually good buys on these crops after small grains have been harvested, says former University of Delaware extension livestock specialist Richard Fowler.

The basic swine energy sources on Delmarva are cereal grains including corn, some milo, barley and wheat. These grains are high in carbohydrate, palatable and highly digestible, Fowler says. However, they usually contain less protein, minerals and vitamins than swine require, so rations must be supplemented with other feeds to raise these nutrients to recommended levels.

Grain composition varies with variety, weather, storage and harvesting methods. Corn is the standard for comparing other cereal grains. It has less protein but provides more energy than the others. Milo or grain sorghum is very much like corn and can completely replace it in swine rations. Except for some bird resistant varieties, the energy value of milo is 95 percent the value of corn. Bird resistant varieties may be as low as 80 percent. Milo should be ground for swine.

Barley contains slightly more protein and fiber than corn, says Fowler. It is less palatable and should be ground or rolled and pelleted for best results. He advises growers to avoid using barley in lactation diets or for young pigs unless the ration is balanced for energy.

Barley works well in a gestation feed, but a milking sow often does not perform well on a barley ration, particularly in hot weather. Growth of young pigs is slowed on high barley rations if no allowance is made for an energy supplement like whole fat soybeans. University of Delaware researcher Dr. Richard Chapple is studying the use of barley and whole fat roasted soybeans in young pig rations.

Wheat equals corn in feed value and is very palatable to swine, Fowler says. Don't grind it to a flour-like consistency, though. When finely ground grain mixes with saliva, the paste that results reduces intake.

Brook sow gestation rations can include high fiber feeds like barley but the level of intake may need to be as high as 5 pounds per day, he says. If corn is the energy source, 3 to 4 pounds is probably enough. A high fiber feed can be used through one week of lactation, but after that the energy needs of a milking sow are best supplied by corn. Condition is an indicator of feed requirement. Sows can gain up to 75 pounds during pregnancy and gilts up to 100 pounds.

Fowler advises growers to remember these points when substituting barley and wheat for corn: (1) barley works better in rations for finishing pigs from 75 pounds to market weight and for gestating sows; (2) wheat can be partially or completely substituted for corn in any swine ration; (3) grind wheat to avoid a flour-like consistency; (4) check the protein level of a small grain before mixing it into a ration.

Sale Reports

The Penna. Firecracker Ayrshire Sale was held July 6 at the fairgrounds in Carlisle, Pa. There were 26 head sold for $21,120 or an average of $812.

The top fresh 5 year old cow was consigned by Delaware Valley College of Doylestown, Pa. and was sold for $1600 to Christian Seaman of Lil Dutch Acres of Grantville.

The 2nd high was a bred heifer consigned by Sam Diehl of Bedford and sold for $1200 to Cindy and Becky Bell of Elmer, N.J.

The 3rd high bred heifer consigned by Keefer & Shetterly, Millersburg was sold for $1170 to Cloverhill Farms of Bloomsbury, N.J.

The auctioneer was A. Doty Remsburg.

xxx

A Public Auction of household goods and machinery was held July 9 by Mr. and Mrs. Charles Black, R.D. 4, Newport, Pa.

Some prices were: A.C. D19 tractor $4000, N.H. 479 haybine $2800, Ferguson 30 tractor $1800, Oliver corn picker $720, 5 h.p. Roto-tiller $230, Northwood vase $28, local painted picture $40, corner chair $90, and 3 pt. Ferguson mower $560.

Kling's Auction Service conducted the sale.

xxx

A Public Sale of old horse drawn machinery and harness was held July 9 fro the John B. Hock Estate at the Carnival Grounds just off Rt. 73 in Oley, Berks Co., Pa.

The landlocked real estate consisted of 10 acres of woodland situated in Pike Twp., Berks County and it was sold for $7200.

Other prices included: bag holder $55, pair of buggy lights $75, single buggy light $30, molding planes $15 & $20, horse collars up to $20 each, 1 set metal four horse hitch $40, pony wagon $200, Stichter double wheel forge blower $40 and wagon box $60.

David S. Allgyer Auctioneer & Shirley I. Moyer App.

xxx

A Public Sale of fine antiques was held July 9 by Mrs. Undine H. Printz, Clarksville, Howard Co., Maryland just off Rt. 108.

Some prices received were: Queen Anne dropleaf table $1900, pine 2 pc. Dutch Cupboard $1700, Pa. Dutch decorated dower chest $875, Hutch cupboard $1750, marble-top wash stand $350 and Gone-with-the-wind lamp $410.

Austin Bohn was the auctioneer.

xxx

The Lititz Area Mennonite School Annual Benefit Public Auction was held July 9 at the school on Newport Road north of Lititz, Lanc. Co., Pa.

Some prices were: Missouri Puzzle quilt $1850, cross stitch quilt $500, double wedding ring quilt $350, giant dahlia quilt $300, picture of Lititz School $400, reconditioned 1 horse sleigh $775, new Amana chest freezer $540 and wooden carved train set $100.

Auctioneers: John E. Martin, Paul E. Martin, John Stauffer, Merle Eberly, Elvin Siegrist & Roy Good.

xxx

A Dairy Herd Dispersal was held July 8 by Joseph Kaczka, R.D. 1, Lakewood, Pa., 7 miles north of Pleasant Mount.

The top priced grade Holstein was sold for $880 and the 2nd high animal brought $825.

Wayne E. Weaver was the auctioneer.

xxx

A Public Auction of farm equipment was held July 8 by Nathan Ohlinger, between Hamburg and Reading, just off Route 61 in Berks Co., Pa.

Some prices were: Mustang skid steer loader $2200, Farmall M tractor $1000, J.D. 2510 D tractor $4300 and Int. 1206 D tractor $5000.

Sale was conducted by Ralph W. Zettlemoyer.

Feed intake shows buffer response

MINNEAPOLIS, MN. — Feed intake is the best indicator of a response from buffers added to cattle rations, a leading animal scientist reported here recently.

Speaking at the Buffers, Neutralizers and Electrolytes Symposium sponsored by the National Feed Ingredients Association (NFIA), Fred Owens of Oklahoma State University said, "If feed intake increases with added buffer, feed it." Owens reported that if sodium bicarbonate or limestone increase consumption, rate and efficiency of gain usually improve, too.

"With either sodium bicarbonate or limestone, changes in feed efficiency are generally small when averaged throughout a feeding period, yet significant increases are sometimes noted at the start of a feeding trial," he continued.

Owens noted that benefits from addition of sodium bicarbonate to cattle rations are seen more often in practical feedlot conditions than in experiments.

"Under experimental conditions at research stations, fewer management problems of diet mixing, animal crowding and intermittent feeding are encountered," he said. Near-ideal conditions may reduce the need for buffers such as sodium bicarbonate, and therefore reduce the experimental response.

"Under questionable feeding or management conditions in feedyards, buffers may stabilize the situation," he added. Owens said that benefit from sodium bicarbonate should be greatest with mixed diets or during adaptation to high grain feeding programs.

AUCTION SALE
COMPLETE LIQUIDATION
WEDNESDAY., JULY 20, 1983
10 A.M.
By order of American Bank, J. Roy Wise Inc. is liquidating & selling out completely. The sale will be held at J. Roy Wise's shop & yard facility on Bowmansville Rd., just off Rt. 625 in Bowmansville Pa., south of Reading.
CAR & MISC.
TKS '77 Pacer, 72 Chev Carryall, '73 Chev Mech Body P/U, '76 Ford 4x4 Pickup, Plus Cab & Chassis, Dump/Stake Tks , Boom Tk
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TERMS Complete payment sale day in cash or guaranteed funds only
Write or call for descriptive brochure:
Vilsmeier Auction Co., Inc.,
Rt. 309, Montgomeryville, Pa., 18936,
(215)-699-5833.

PUBLIC SALE
HI GRADE HOLSTEINS
HERD DISPERSAL, SEMEN TANK
THURSDAY, JULY 21, 1983
12:30 P.M.
Located in Chester County, PA, 4 miles Northwest of Oxford. From Rt. 1 go North on Rt. 272 to Lees Bridge Rd. Go West to first crossroad. Turn right. First farm on left.
==========
65 HEAD 65 HEAD
22 years ABC & ABS Breeding
60 milk cows, 16 due in August, 9 in September, 10 in October, 9 in November, 4 in December, balance in all stages of lactation; 5 bred heifers due in Summer; animals sired and bred A1 - Rocket, Superior, Jerry, Snowman, Eric, etc.; app. 15 1st & 2nd calf heifers; cows and heifers all vaccinated. Herd certified & accredited; pregnancy checked; 100% Home Raised; 48 cows shipping 2300 lbs. milk per day; 30 day charts; Semen tank, model LR 31; 1 ample H123 Rocket; 2 straws 2811; 1 straw each 3303, 3287, and 4151.
Owner:
W. FRANK & JETTIE MILLS
Auctioneer: Steve Petersheim
717-786-4624
Auctioneer's Note: This is an opportunity to buy good sized animals with type, and healthy udders from a good breeding program. Open heifers and calves will be sold in 1984.

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OF FARM MACHINERY, TOOLS, HARDWARE, MOWERS, ETC.
Located at St. Georges Del. on Route 13, ½ mi. North of St. Georges Del. Bridge.
SAT. JULY 23 & 30
At 10 A.M. Each Day
Over 250 pcs. of Farm Machinery of all types to include:
7 Tractors: Oliver Super 77 & 770 w/loader, 3 Int. H tractors 1 w/loader, Int. 300 Utility, A.C. - WD 45 w/cultivators & 1 Ford tractor.
5 Rotary mowers, 8 sickle bar mowers, 20 - 3PH scraper blades, 3 Mott mowers, over 20 plows (pull type & 3 PH from 1 to 6 bottom), 15 various size disc, loader, 15 sets of cultivators, 4 corn planters, 5 hay rakes, 5 circular saws, 6 flatbed wagons, 2 grain wagons, 10 two wheel trailers, 8 snow blades, spring & spike harrows, Int. pull type combine, 4 manure spreaders, 2 balers, 2-4 & 6 row corn planters, 2 row pull type corn pickers, elevators, 5 post hole diggers, all type of lawn mowers, garden tractors, lumber, platform scales, 12 ft. Van body, portable sign, sm. building, skid fuel tanks, drums, cylinders, all type parts, land & garden tools, hardware, ladders & many many items too numerous to mention.
1973 Chev. pickup w/racks, Chev. #50 flatbed truck.
8 sheep, chickens, Angus heifer & pony.
Note: A Very Large Sale With Something For Everyone. Farmers, Dealers, Etc.
Terms: Cash or Certified Funds. Checks w/Bank Letter of Credit Only.
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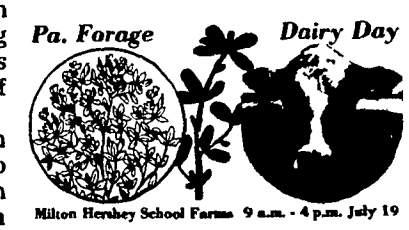
Pa. Forage Dairy Day

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Public Auction Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

JULY

SAT , JULY 16 - Public Auction of Real Estate, Personal Property and Coins. Located along Yellow Hill Rd., south of Bowmansville Anna Mary Fritz Estate Randal V Kline, Lloyd Kreider, and Roy Good, Jr , Auctioneers

SAT JULY 16 - 9 30 AM Public Auction of Construction Equipment, Line Equipment and Vehicles Located at PP&L's facility at Union Blvd and Plymouth St , Allentown, PA Vilsmeier Auction Co , Inc

SAT JULY 16 9 30 AM Public Auction of Gasoline Engines, Antiques and Personal Property Located at corner of Country Club Rd and Pleasant Ave , Red Lion, PA, York Co Leroy J Shott Estate Jacob A Gilbert, Auctioneer

SAT JULY 16 9 AM Public Auction of Real Estate, Ford Bronco, Farm Machinery, Power and Hand Tools, Coins, Firearms, Collector's Items and Household Furnishings Located on Black Creek Rd , T405, North of Rt 87, between Lick Creek and Taylor Rds Florence L Barndt, Owner Sandord A Alderfer, Inc , Auctioneers

SAT JULY 16 9 AM Public Auction of Real Estate, Antiques, Household Goods and JD Lawn Tractor Located along Little Britain Road, ½ mi south of Robert Fulton Birthplace off Rt 222, 4 mi south of Quarryville Clara M Bradley Estate J Everett Kreider, Auctioneer

SAT JULY 16 10 AM PUblic Auction of Real Estate, Farm Equipment, Antiques, Alaskan Items, Furs, Butcher Equipment, Guns and Furnishings Located on Vera Cruz Rd , Reinholds, RD 2, Lancaster Co , PA, 10 mi southwest of Reading, 15 mi northeast of Lancaster, PA, 50 mi west northwest of Phila , take Rt 272 north from Ephrata, PA, 6 mi turn left onto 897 continue 2 mi turn right onto Vera Cruz Rd , proceed 1 mi , park off roadway, walk in gravel drive on right onto farm grounds William and Helene Showalter, Owners Paul Landis and Hop Usner, Auctioneers

SAT JULY 16 8 30 AM Public Auction of Antiques, Collectors Items, Furniture, Steam Engine, Gas Engine, Horse Tread Power, Glassware and Dishes Located at Butter Creek Rd , 2 mi south of Quakertown, PA, Bucks Co , PA, turn west on Rich Hill Rd at end of 309 bypass, follow auction signs 2 mi Estate of Clarence M Butch Ruth Henry K Freed and Sons, Auctioneers

SAT JULY 16 10 AM Public Auction of Antique Tractors and Farm Machinery Located in Stevensville MD, turn right at last light before crossing Bay Bridge sale on left John C Benton Owner Joe Jackson Jr Auctioneer

SAT JULY 16 9 AM Public Auction of Household Furnishings Antiques, Collectibles Farm Equipment and Related Items Located 3 mi northeast of Kreamer, turn north ¼ mi east of Kreamer off Rt 522 to Kreamer Sportsman Club to South Hill Drive Rd which turns left to a hard turn left to farm Estate of Willa Hubler Earl Eash Auctioneer

SAT JULY 16 9 30 AM Public Auction of Oak China Cabinet, Hoosier and Furniture, Dry Sink, Jelly Cupboard, Stained Glass Table Lamp, Old Tootsie Toys Furs Household, Dishes and Tools Located at New Mahoning Fire Hall, 6 mi west of Lehighton off Rt 443 Leona Baum, Owner Curt, Doug and Tim Houser, Auctioneers

MON JULY 18 10 30 AM Public Auction of Cattle Located in Cumberland Co , PA, traveling 181 south from Harrisburg take exit 16, turn right on to 641, go to Carlton Ave , turn left follow to Petersburg Rd , 3 mi to sale, traveling 181 north from Chambersburg, take exit 15, turn left onto 74, go to Peterman Farm Equipment, turn left onto Petersburg Rd 3 mi to sale James and Jane Cohick, Owners Melvin and Lamar Senseng, Auctioneers

PUBLIC AUCTION

VALUABLE REAL ESTATE
FRI. EVE., JULY 29, 1983
at 7:00 P.M.

Located 1 mile south east of Manheim, Pa. at the intersection of Fruitville Pike and Temperence Hill Road.

2 ACRES MORE OR LESS

Real Estate consists of a lot of ground located in Penn Township Lancaster County, Pa. Thereon erected a 5 bedroom farm house with laundry, 1½ baths, kitchen, living room, dining room and various storage areas. Also a very nice bank barn app. 70' x 40', also garage and other out buildings. NOTE- this property is in an excellent location with an outstanding view to the north and south. You will really appreciate this one. Please come take a good look! Will be open for inspection July 16 and July 23 1:30 P.M. til 4:00 P.M.

Auction for
J. ROBERT & LOIS K. KELLER

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PUBLIC SALE

OF FARM EQUIPMENT
HOUSEHOLD GOODS
ANTIQUES
SATURDAY, JULY 23, 1983
9:30 a.m.

Located along Spring Rd., midway between Elizabethtown and Rte. 283 bypass. Take Rte 230 to Ridge Rd. to Spring Rd.

Maytag auto. washer, Kenmore dryer, Frig. ref., chest freezer, humidifier, desk, chest drawers, Kenmore sewing machine, portable dishwasher, buffet, table, G.E. radio/record player, TV, 5 hospital beds, 2 pc. blonde bedroom suite, bunk beds, twin beds, small tables, upholstered rocker, cabinet (w) cutting board top, spool leg table, rugs, picture frames, early table (w/drawer, dishes), pots, pans, water purifier, picnic table, lockers, butter churn, typewriter, jars.

B&D 7" circular saw, belt sander, metal shelves, vice, hand tools, garden tools, sub pump, alum. ladder, car top carrier, 10 speed bicycle, walnut lumber, oak boards, 16'x6", 6 logs 20'x10"x12", other lumber, 14'x22' shed to be removed (w) 8" to 15" wide weather boards & framing, 1954 Int. R120 series 3/4 ton truck, 424 Int. Deisel Utility tractor (w) Sauders loader, H Farmall — #72 Cub Cadet riding tractor (w) 42" mower, N.H. #68 haylner baler (w) applicator, #56 rake, #461 haybine, I.H. 3 section harrow, I.H. 9' transport disc., 9' cultipacker, Case 14"-2 bottom plow, N.I. #206 3 beater manure spreader, flat bed wagon (w) Case running gears, 16' bale mover, pony cart, 2 saddles, blankets, snaffle bridle, milkcans, wheel barrow, chicken crates, log chains, block & tackle, bulldozer elec. charger, wooden spools, metal/wooden fence posts, Craftsmen 22" lawn mower, Stihl weed eater, gas, many other articles too numerous to mention.

Not responsible for accidents

Order of Sale: Household Goods, small items, farm equipment.

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Aucts. Raymond Miller 653-8762
Rufus Geib

Lunch by K.M.S.

Cigar Factory to sell at

ABSOLUTE AUCTION

FRIDAY, AUGUST 5, 1983
1:00 p.m.

91 West Main Street, Windsor, PA

Buy this solid brick 4-story building with 4,720 sq. ft. on each floor. Concrete first floor, balance of floors 2x12 oak joists. Heavy duty wiring, gas furnace, elevator. Vacant lot in rear. Building is ideal for apartments, condos, specialty shops, offices, light manufacturing, storage.

This is an absolute auction. 10% down on day of sale, balance in 30 days at settlement.

Open for inspection Saturday July 23, noon to 2:00 p.m. or call auctioneer for appointment.

Seller:
HOUSE OF WINDSOR, INC.

Auctioneer: Dale R. Peters
757-7811

COLDWELL BANKER

BOB YOST, INC.
2525 Eastern Blvd.
York, PA 17402

PUBLIC SALE

OF FARM & MOUNTAIN LAND REAL ESTATE, ETC.

The undersigned will offer the following real estate for public sale located approximately 10 miles north of Shippensburg, Pa. or approx. 3 miles north of the village of Newburg, Pa. (in 3 Square Hollow). Watch for sale signs on:

SATURDAY, JULY 30, 1983
Real Estate will be offered at
2:00 P.M. on the Premises

REAL ESTATE

A lot of ground containing approximately 180 acres, more or less, (approx. 45 acres tillable, 135 acres of mountain land) situated at the base of the North Mountain in Hopewell Township, Cumberland County, Penna. Improved with two 2½ story dwelling houses: House #1 — Having 8 rooms, 1½ baths, attic, basement, concreted front & side porches, partial storm doors & windows, encased with brown mountain stone and aluminum siding, oil fired baseboard heat, good well of water and good state of repair. House #2 — frame & weatherboard dwelling house (painted white) having 7 rooms, 1½ baths, attic, basement, large front & side porch, partial storm doors & windows, oil fired hot water radiator heat, good well of water, good state of repair and frame & weatherboard outbuilding.

Also having 2 story log frame & weatherboard barn w/stalls on 1st floor, double barn floors & double mows & granery on 2nd floor, attached wagon shed, standing seam metal roof, well of water and large 3 bay implement building. Tillable farm land and adjoining mountain land will be offered as one parcel. This property is in a beautiful setting at the base of the mountain just 3/10th mile from paved road. Real estate will be offered at 2:00 P.M. on the premises. Terms of real estate will be 10% down on day of sale with balance to be paid in full on final settlement with in approximately 30 days. Further terms and conditions will be made known on day of sale. For further information or inspection of real estate by appointment, call 423-5559 or 423-5433.

NOTE: Public sale will begin at 9:00 A.M. with personal property of Esther E. Mitchell consisting of small antique & household articles, modern & antique furniture, tools, few pieces of horse drawn machinery, etc.

TERMS: Personal property, Cash or Approved Check.

by (co-owner),
ESTHER E. MITCHELL,
& Joyce W. Gardner,
Executrix of the Estate
of Eleanor E. Mitchell,
deceased (co-owner)

Attorney
H. Anthony Adams
Auctioneers
Hershey, McLaughlin & Martin
Clerk
Beidel

Lunch Stand Reserved
Not Responsible for Accidents
Identification Required for Bidder's Number

PUBLIC AUCTION

SATURDAY, JULY 23, 1983
At 10:00 A.M.

In the Village of MANDATA; 12 miles South of Sunbury; Turn East off Rt. 225 at General Store & Hotel; take Mandata to Urban Road.

SHOP TOOLS & EQUIPMENT

Kellogg American 10 H.P. Air Compressor w/120 gal. Tank; like new; Delta Drill Press w/No. 2 Chuck & 1 H.P. Motor; Handley 16" Metal Shaper w/Lincoln 4-Speed Transmission; Multiplex 60 Radial Arm Saw 5 H.P.; Excelsior Power Hack Saw; 1 H.P. Bench Grinder; Bishman Command Air Tire Changer; Wheel Balancer; ½" & ¾" Air Wrenches; Lincoln DC Welder; Acetylene Torch w/Tank Cart; High Pressure Washer; Air Floor Jacks; Steam Jenny; Hydraulic Jacks 5 Ton to 20 Ton Capacity; Hydraulic Cylinders & Pumps; Hand Press; (2) Chain Hoists; Calcium Tire Pump w/B&S Engine; Air Drill w/Points & Spade; Barrel Pump; ½ H.P. Jet Pump; Railroad Jacks; Shop Lights; Carts; Metal Shelving; Chains; Binders; Lg. assortment Bolts, Rivets, Screws, Clamps, Brass Fittings, Pullers; various size Shafting; Electric Motors; Cutters; Reamers; Pipe Fittings; Scrap metal & other Metal; Wet Grindstone; Lot Hand Tools & Wrenches; Creepers; Bag Cart; Refrigerator; Gas Hotplate; 275 gal. Fuel Tank; Metal Desk; Chair; 4-Drawer File Cabinet; Electric Adding Machine; Victor Adder-Register.

W-D ALLIS CHALMERS TRACTOR with SCOOP

Note: Building has been sold and Owner is retiring. This is your opportunity to purchase tools & equipment ready to go to work for you! Plan now to attend.

Lunch Available

MR. & MRS. LLOYD M. SMELTZ,
Owners

DEIBERT

George & Mike
Auctioneers
(717) 425-3313

ROBERT D. SHERMAN ROBERT L. ISENNOCK
AUCTIONEERS

PUBLIC AUCTION

REAL ESTATE
FARMLAND — SEVERAL HUNDRED FEET ROAD FRONTAGE - MUCH POTENTIAL!

127 Hopewell Road, Churchville, Harf. Co., MD (Hopewell Rd. runs between Rt. #155 & Aldino Rd., east of the village of Level, southwest of the Rt. #155 exit of I-95)

SATURDAY, JULY 23, 1983
At 10:00 A.M.

REAL ESTATE: Parcel #1 consists of 35 ac. m/l located on the south side of Md. Rt. #155 at Hopkins Rd.

Parcel #2 consists of 47.294 ac. m/l located on the east side of Hopewell Rd. and improvements; including a two story masonary dwelling, equip. stg. bld., 2 barns and double four milking parlor.

OPEN FOR INSPECTION: Saturday, July 16, 1983 - 12:00 noon - 3:00 p.m., or by appointment with Auctioneer.

-TERMS-

ORDER OF SALE: Parcel #2 will be sold first - reserving the highest bid. Parcel #1 will be sold second - reserving the highest bid. Both Parcel #1 and Parcel #2 will be offered together, with the properties being sold in the manner that brings the highest bid. A deposit in the form of cash, certified or cashier's check payable at the time and place of sale in the amount of $5,000.00 for Parcel #1 and $10,000.00 for Parcel #2 or $15,000.00 for Parcel #1 and #2 with the balance due within 60 days. Purchaser responsible for all settlement cost, inspections and survey should any be necessary. Real Estate taxes apportioned from date of settlement.

AUCTIONEER'S NOTE: This property is currently being operated as a Dairy Farm with the Milking Parlor being only 3 years old. Ideal for Horse Farm, as well as many other possibilities. Stock and equipment are negotiable.

COMPLETE AUCTION SERVICE

JOSEPH C. FENDER
Owner

ROBERT D. SHERMAN
734-6821 - 879-3394

BUILDING MATERIAL SALE
AT GOODS AUCTION
111 N. Maple Ave., Leola
SATURDAY, JULY 23, 1983
At 9:00 A.M.

2 tractor trailer loads insulation, all 4x8 sheets, all with aluminum foil, from ½ to 3" thick.

1400 pc. new roofing painted, red, white/galvanized 8 to 16 feet long.

Apr. three tons common nails, all sizes.

Doors, windows, shower doors, screen doors, plywood, 2000 pc. paneling, trim, maralite sheets, floor trusses. Large lot of ceiling tile, size 2x4, 1x1, carpet tile. Light fixtures, 4x6x16 tobacco rails. 1x8x16 treated lumber, tex. 111 siding. 5x10x¾ plywood, paneling nails, new sawed oak lumber, lots of used lumber.

GOODS AUCTION
111 N. Maple Ave.
Leola, Pa. 17540

Selling with two auctioneers

PUBLIC AUCTION
REAL ESTATE, COMMERCIAL LOT, FEED BINS, 72 GMC BULK FEED TRUCK, FEED MILL & OFFICE EQUIPMENT & NEW HARDWARE
SATURDAY, JULY 23, 1983
at 9:00 A.M.

LOCATED: On premises formerly R & W Feeds, Main Street, Centerport, Berks Co., PA.

REAL ESTATE: Consists of 1) a 40' x 100' block bldg. and a 30' x 40' 3-bay block open bldg. situated on approx. 1½ acres more or less formerly a feed mill. 2) Commercial lot 1 acre more or less along Main St., Centerport.

NOTE: Parcel #1 and #2 to be offered *separately and as an entirety.* Real Estate will be offered at 12:00 Noon followed by truck & feed mill equipment.

INSPECTION OF REAL ESTATE: Call 215-926-1261.

TERMS OF REAL ESTATE: 10% down; balance in 60 days.

FEED MILL EQUIPMENT: 1972 GMC Model 6500 bulk feed truck (30,000 g.w.), 1975 Dodge Van, 6" x 36' grain auger w/3 hp. motor, 24' Cardinal elevator, 16' bag conveyor, 4" x 10' grain auger, Sprout & Waldron H.D. hammer mill, grain moisture tester, (2) 2½ ton feed mixers, (2) Butler grain bins, molasses blender, 500 gal. molasses tank, mod. #104 cob crusher, Stolfus 16 ton feed bin, Stolfus 1 ton & 5 ton feed bins, bagscale, lg. transport grain scoop, bag trucks, bag sewing machine, Burro 100 lb. feed buggy scale, kerosene space heaters, (2) Comfort Glow heaters, extension ladders.

INVENTORY & NEW HARDWARE: lots of new nails, bolts, screws, washers, cotter pins, hinges, hasps, hooks, drill bits, 3 ton molasses, lg. assort. of veg. seeds, fly spray, Golden Maldrin bait, poultry equipment, dairy supplies, rat & mouse bait, pocket knives, new shovels, brooms, forks & scrapers, rabbit supplies, garden sprays & insecticide, barbed wire, Bulldozer fencers, rope, fencing supplies, salt, lime, Attrex & other weed killers, Baymix crumbles, fertilizer, cattle boluses & medic. items, assort. of perennial & legume grass seeds, light bulbs & elec. items, calf bottles, wormer, chains, pet supplies, paint brushes & rollers, portable power tools, silo covers, Tingley rubbers & boots, gloves, plus other misc. items too numerous to mention.

NOTE: All inventory and new hardware, 1972 GMC Feed Truck, 1975 Dodge Van, Moisture Tester, Stolfus 1 and 5 ton Feed Bins, Bag Sewing Machine, Burro Feed Buggy Scale, and Space Heaters being sold by Hamburg Savings and Trust Company.

Real Estate and all other items being sold by Dolores Spatz.

TERMS: Cash or PA check day of sale.

Sale Ordered By:
HAMBURG SAVINGS & TRUST & DOLORES SPATZ

AUCTIONEER:
Kenneth P. Leiby
R.D. 2, Box 318
Hamburg, PA 19526
215-562-3929

Not Responsible For Accidents

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

TUES JULY 19 5 30 PM Public Auction of Antiques and Household Goods. Located at 90 Spruce St., Ephrata, PA Jacob H Getz, Owner. T Glenn and Timothy G Horst, Auctioneers

TUES JULY 19 11 AM Public Auction of Cattle Located in Newark Valley, NY, 2 mi. northwest of Newark Valley and Rt. 38, on Howard Hill Rd William D Needham and Family, Owners William Kent, Inc , Auctioneer

TUES JULY 19 8 P M Lewis Brown s 17th Annual Bred Holstein Heifer Sale Located at the Smoketown Quality Dairy Sales Barn along 340 just east of Rt 30, Lancaster Co Gordon Fritz, Sale Manager Kettering, Pedigrees Diller and Snyder, Auctioneers

TUES JULY 19 5.30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

WED JULY 20 10 AM Public Auction of Const Equipment, Trucks, Trailers and Const Tools Located on Bowmansville Rd , just off Rt 625 in Bowmansville, PA, south of Reading, PA Vilsmeier Auction Co , Inc

THURS. JULY 21 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD

THURS. JULY 21 - 7 PM Public Auction of Real Estate and Woodland. Located along Cocalico Rd , approx. ½ mi north of Schoeneck, between Schoeneck and Cocalico, West Cocalico Twp., Lanc Co , PA Wilbur and Minerva Lesher, Owners T Glenn and Timothy G Horst, Auctioneers.

THURS. JULY 21 - 12.30 PM Public Auction of Cattle Located 3 mi northwest of Oxford, PA. W Frank and Jettie Mills, Owners. Steve Petersheim, Auctioneer

THURS JULY 21 - 4.30 PM Public Auction of Household Goods, New Antiques and Tools Located at 921 Miller St , Lebanon, PA John W Tobias, Owner H H Leid Auction Service.

THURS JULY 21 - 5 30 PM Public Auction of Household Goods, Antiques, Gun Collection and Etc Located ½ mi. north of Jersey Shore, PA Roy Lomison, Owner Fraley Auction Co

FRI JULY 22 - 7 PM Public Auction of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

FRI. JULY 22 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI JULY 22 1 30 PM Public Auction of Pigs Located at Westminster Livestock Auction

SAT JULY 23 - 9 AM Public Auction of New and Used Metal and Wood Working Machinery, Tools, Hardware and Etc. Located at Rt 322, Blue Ball. Blue Ball Machine Works, Owner Sylvan Witmer, Auctioneer

SAT JULY 23 - 9:30 AM Public Auction of Const. Equip , Line Equip. and Vehicles. Located adjacent to the Niagra Mohawk garage facility on Success Dr. in Rome, NY Vilsmeier Auction Co , Inc

SAT JULY 23 - 9 AM Public Auction of Real Estate, Farm Machinery, Households and Antiques Located on Rt. 183, 1 mi south of Rt 183 and Rt 443 Intersection, RD 3 Sch Haven, Wayne Twp , Schuylkill Co . PA Frances M Luckenbill, Owner Jay Riegel, Auctioneer

SAT JULY 23 - 10 AM Public Auction of Shop Tools and Equipment Located in the village of Mandata, 12 miles south of Sunbury, turn east off Rt 225 at General Store and Hotel, take Mandata to Urban Rd. Mr and Mrs Lloyd Smeltz, Owners George and Mike Deibert, Auctioneers

SAT JULY 23 - 9 AM Public Auction of Cement Block Building, formerly a feed mill, Commercial Lot, 72 GMC feed truck, Feed Mill Equipment, New Hardware and Seeds Located on Main St , in Centerport, PA, Berks Co Hamburg Savings Trust Co and Delores Spatz, Owners

SAT JULY 23 - 9 30 AM Public Auction of Farm Equipment, Household Goods and Antiques Located along Spring Rd., midway between Elizabethtown and Rt 283 bypass, take Rt 230 to Ridge Rd. Owen and Pat Wright, Owners Raymond Miller and Rufus Geib, Auctioneers

SAT JULY 23 2 PM Public Auction of Real Estate Located in Mansfield, PA, Tioga Co Mr and Mrs Clyde Flack, Owners Dick Crittenden Auction Co

SAT JULY 23 - 11 AM Public Auction of Farm Equipment, Trucks, Pickups and Auto Located from Chester town, take Rt 20 towards Rock Hall, 3 mi , to Rt 446, left for 7 mi to Cedar Point Farm, opposite Lovely Lane, signs from Chestertown, MD Estate of Allen E Gsell and Mrs Edward Gsell Harry Rudnick and Sons, Inc , Auctioneers

SAT JULY 23 - 9 AM Public Auction of Real Estate, Commercial Lot, Feed Bins, 72 GMC Bulk Feed Truck, Feed Mill, Office Equipment and New Hardware Located at R&W Feeds, Main St , Centerport, Berks Co , PA Hamburg Savings and Trust and Dolores Spatz, Owners Kenneth P Leiby, Auctioneer

SAT JULY 23 10 AM Public Auction of Household Goods, Collectables and Antiques Located at 801 Keeler Rd , Towamencin Twp , Lansdale, PA Mamie Schlegel, Owner Paul G Derstein, Auctioneer

GAP AUCTION
FRIDAY EVE., JULY 22
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC SALE
OF HOUSEHOLD GOODS NEW ANTIQUES AND TOOLS
THURS. EVE., July 21, 1983
at 4:30 P.M.

Located at 921 Miller Street, Lebanon, Pa.

FURNITURE: 3 pc. Bedroom Suite, Walnut Veneer; Blonde Oak Double Bed; 2 Maple Chest of Drawers; 2 Maple Dressers with Mirrors; Night Stands; Old Dovetailed Blanket Chest and Wood Chest; Old Wooden Lard Press; Clothes Tree; Childs Rocker; Baby Crib; R.C.A. AM-FM Stereo, Coffee and End Tables; 2 Desks; R.C.A. Portable Record Player; Book Shelf; Early Am. Rocker Recliner; Orgasonic by Baldwin Blonde Oak Electric Organ; Toy Chest; Table and Floor Lights; Dining Room Table; Chairs; Childs Table and Chairs; Metal and Wood Kitchen Cabinets; Kelvinator Refrigerator and Upright Freezer; Sears Portable Washers; Hoover Sweeper; Walton Power Vac; 4 Qt. and 8 Qt Ice Cream Freezers; Window Fans; Universal Sweeper Box; Quilting Frame; Steamer Trunk; Clothes Hamper and more.

HOUSEHOLD ITEMS: Seth Thomas Chime Clock; lots of Ceramic Items; Glass Canisters, Corning Ware; Silverware; Slaw Cutter with Box; Glass Punch Bowls with Cups; Plastic Dishes; Tupperware; Glass Bowls; Dishes and Plates; Pyrex Dishes; Baskets; Hall Pitcher; Depression Plates; Meat Chopper; Cream Top Ladle; Sm. Brown Crocks; Mixing Bowls; Butcher Fork; Cookware; Pots; Pans; Fry Pans; Roast Pans; Camper Chests; Doilies; Bureau Scarves; Bedspreads; Pillow Cases; Crochet Yarn; Threads; Quilt Patches and Tops; Records; Bell and Howell 8mm Movie Camera; Suitcases; Bernz Matic Porta Chef Stove; 2 Sunglow 7000 B.T.U. Oil Heaters, like new; Readers Digest Condensed Books; Paper Backs and other Novels; Christmas Decorations; Metal Decorations; Buddy L. Metal Trucks; Tonka Toys; Metal Texaco Truck; Electric Football; Hot Wheels; Wind Up Train Parts; 2 Marx Electric Trains; Salesman Sample Autos; 59 Cad. Toy; Alexandre Clarinet and Case; Matchbox Cars; Hobby Horse, Lightning Glider Sled.

TOOLS: 1979 8 H.P. Electric Start Sears Riding Lawn Tractor; 7¼" B & D Circular Saw; 2 Holstein Air Pumps, Richland Pa.; Hammers; Saws; Levels; Ground Shovels; Lawn & Garden Rakes; Corn Chopper; Axes; Deitz Lantern; Log Cabin and many items too numerous to mention.

Sale 4:30 P.M.

Auction by
JOHN W. TOBIAS

H.H. Leid Auction Service
Fry and Sensenig, Clerks

Lunch Stand Available

PUBLIC SALE
OF REAL ESTATE, WOODLAND
West Cocalico Township
THURS. EVE., JULY 21, 1983
At 7:00 P.M.

Located along Cocalico Rd. (approx. ½ mi. north of Schoeneck, between Schoeneck and Cocalico) West Cocalico Township, Lanc. Co., Pa.

6.167 ACRES
4 Acres Woodland — 2 Acres Cleared Area
FARM POND

Walled spring with cover (extra strong); 337.56 ft. road frontage. Excellent location. Many possibilities.

INSPECTION Friday evening, July 15 from 5 P.M. - 7 P.M. or for information or inspection call 1-215-267-7049.

Terms by:
WILBUR "BILL" LESHER
MINERVA LESHER

T. Glenn Horst, Auct., 859-1331
Timothy G. Horst, Auct., 738-1245
J. Marlin Shreiner, Atty.

AUCTION
FOR:
DAVID & MARY MacADAMS
511 Quarry Road (Off Rt. 63)
So. of Harleysville, PA
SATURDAY, JULY 23, 1983
9:00 A.M.
Auction will begin w/tools
Tractor & Lawn Equip.
will be sold at 10:30 A.M.
Furniture at 12 Noon.

TRACTOR — 1973 Int. 154 Cub Lo-Boy w/3 pt. hitch, p.t.o., turf tires & 60" rotary mower w/hyd. lift; E.Z. 4 h.p. lawn vacuum mod. 40, Kensico dump trailer, McKissick 5 h.p. shredder, Snapper Industrial 5 h.p. S.P. rotary mower, H.M.C. Green Machine weed chopper, Lombart chain saw, elec. hedge trimmer, hand & garden tools, snow fence, 20' alum. ext. ladder, 6' propeller.

ANTIQUES — Oak Sideboard, treadle sewing machine, bureau & chest of drawers, desk & library table; spinning wheel, mantel clocks, kitchen abinet, clothes trees, commode, 3 pc. parlor suite, caned seat rockers, sofa, wooden doll furniture, pictures & frames, old tools incl. molding & block planes, 3 pc. wicker set.

GLASSWARE — include green depression glass, castor set, etched goblets & stemmed wines; china include children's china set.

FURNISHINGS — Mason & Sullivan grandfather's clock (Westminster chimes), glass door (beautiful); cherry dining room suite includes dropleaf gateleg table, china cabinet, buffet & 6 ladderback chairs (a gem); 4-drawer silver server, bedroom furniture include dbl. bureau & matching twin beds complete; pr. metal twin beds, ext. table, reclining chair, bookshelves, typewriter stand, kitchen utensils, glassware, Comfort Glo & Kerosun heaters, 3 pc. bedroom suite, 2 mahogany chest of drawers, chifferobe, rugs, lawn chairs, porch glider, set of china dinnerware, pingpong table, snow shoes, Kodak enlarger & dark room accessories.

APPLIANCES — Gibson 21 cu. ft. upright freezer (almond color) like new; Maytag auto. washer, auto dryer & Kelvinator refrigerator (all 3 are white); Fedder dehumidifier, window fan.

TERMS — CASH; LUNCH.

Sanford A. Alderfer, Inc.
REAL ESTATE BROKERS and AUCTIONEERS
665 Harleysville Pike, (Rt 113)
Bent, Harleysville, PA 19438
215-723-1171 or 256-8892

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

SAT JULY 23 - 9 AM Public Auction of Tools, Tractor, Lawn Equipment and Furniture Located at 511 Quarry Rd , off Rt 63, south of Harleysville, PA David and Mary MacAdams, Owners Sanford A Alderfer, Inc , Auctioneers

SAT JULY 23 10 AM Public Auction of Real Estate Located at 127 Hopewell Rd , Churchville, Harf Co , MD, *Hopewell Rd runs between* Rt 155 and Aldino Rd east of the village of Level, southwest of the Rt 155 exit of I-95 Joseph C Fender, Owner Robert D Sherman, Auctioneer

SAT JULY 23 9 AM Public Auction of Building Material Located at Goods Auction, 111 N Maple Ave , Leola

SAT JULY 23 1 PM Public Auction of 65 Holsteins Located 2 mi north of Spring Creek, PA on *Blue Eye Rd to 7 mi. east* of Corry, PA on US #6 then 2 mi. south of Blue Eye Rd Mickey and Ed Sekerak, Owners Ed Sekerak and Ronald Reed, Auctioneers

TUES JULY 26 - 5.30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J. Rutt, Auctioneers

WED. JULY 27 - 5 30 PM Public Auction of Real Estate, Antiques and Etc Located at 131 Cherry St , Ephrata, PA Ralph H Sweigart Estate T Glenn and Timothy G Horst, Auctioneers

THURS JULY 28 - 8.30 AM Public Auction of Electrical Items, Lab Equip and Material Located within the NL Industry plant, just off Rt 9 in Sayreville, NJ Vilsmeier Auction Co , Inc

THURS JULY 28 6 PM Public Auction of Farm *Located northeast of* Fredericksburg, travel east on Rt 22 to Fredericksburg American Legion, turn left and go approx ¼ mi to Maple Lane Road, turn left and proceed to sale Mr and Mrs Frank Tomazin, Owners Dale Rudy Auctioneer

THURS JULY 28 - 5 30 PM Public Auction of Mountainland, Personal Property, Farm Equipment and Household Items Located 1 mi north of Klingerstown, turn north at Boyer s Meat Market along the Klingertown to Pillow Rd and go *to first farm* W H Schadel and Hilda L Schadel, Owners George and Mike Deibert, Auctioneers

THURS JULY 28 9 30 AM Public Auction of Power Line Equip , Const Equip , Trucks, Trailers, Const Tools Located in Three Rivers, MI, 57424 N Main St south of Kalamazoo Vilsmeier Auction Co , Inc

THURS JULY 28 7 30 PM Public Auction of Cattle Located behind Fairgrounds Mall, just off Rt 222 east of Reading, PA, Old Reading Fairgrounds Berks Co Holstein Association, Sponsors Remsburg Sale Service

THURS JULY 28 6 PM Public Auction of Woodworking Machinery and Tools Located at the corner of State and Locust Sts 2 E Locust St , Ephrata PA L Dale Raezer, Owner T Glenn and *Timothy G Horst* Auctioneer

THURS JULY 28 5 30 PM Public Auction of Real Estate, Antiques, Household Goods and Tools Located on corner of Street Rd and Liberty Lane, RD 1, Kirkwood, PA, take Rt 472 about 8 mi south of Quarryville to village of Union, turn right on Street Rd , go 1 mi to sale John W Hines Estate, Owner Howard Shaub and Roy C Probst, Auctioneers

FRI JULY 29 7 PM *Public Auction of Swine* Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds , 1½ mi south of Lebanon, PA PA Duroc and PA Yorkshire Assn s Harry Bachman Auctioneer

FRI JULY 29 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son, Auctioneers

FRI JULY 29 10 A M. Public Auction of Garage Tools, Mack Trucks, 40' Trailers, Vans, Cars and Scrap Irons Located along Rt 322 in Beartown between Blue Ball and Honey Brook, Lanc Co , PA Eleanor F Ewell, Owner Robert E. and Jeffrey R Martin and Frank L Steller, Auctioneers

FRI JULY 29 7 PM Public Auction of Real Estate Located 1 mi southeast of Manheim, PA at the intersection of Fruitville Pike and Temperance Hill Rd J Robert and Lis K Keller, Owners , E M Murry Assoc , Auctioneers

SAT JULY 30 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT JULY 30 10 AM Public Auction of Farm Equipment Located from the Mt Joy Manheim Rd take Milton Grove Rd to Hossler Rd , 2 mi north of Mt Joy near Beckers Gas Station Lloyd E and Nancy Forry, Owners Raymond Miller and Rufus Geib, Auctioneers

SAT JULY 30 9 30 AM Public Auction of Const. and Line Equip , and Vehicles Located at 2917 Wildwood Ave , west of Jackson, MI, 1½ mi west of 127N Vilsmeier Auction Co , Inc

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AUCTION

H.H. GOODS, COLLECTABLES, ANTIQUES
For: Mamie Schlegel
At: 801 Keeler Rd., Towamencin Twp., Lansdale, PA.

SATURDAY, JULY 23, 1983
10:00 A.M.

Kitchen utensils, pots, pans, set of dishes (serves 8), assorted dishes, silverware, tumblers, captain's chair, humidifier, end-tables, RCA XL100 color TV, arm chairs, 2 sofas, books, lamps, 5000 & 8000 BTU air conditioners, lg rocker, child's rocker, pole light, TV trays, floor lamps, dough box end-table, pictures/frames, TV stands, Christmas decor., single bed, nightstand, radio, B/W TV, maple double bed w/bx spr. & mattress, luggage, linens, blankets, garden hose & tools, metal cabinet, blanket chest, wicker flower stand, picnic table/bench, benches, lawn chairs, medicine cabinet, Cold Spot refrig., Maytag washer (1 yr. old), and dryer, Maytag wringer washer, tile plant stand, lime spreader, riding mower (as is), lawn furniture, ext. ladder, step ladders, John Deere lawn tractor - 8 HP w/42" cut, lawn cart, Lawn Boy mower. Oak pc. - chest of drawers, table, captain's chair, converted treadle sewing machine, lamp table, bonnet chest, rocker, mission oak table. Redware spitoon, butter churn, Depr. dresser w/mirror, pine dovetailed blanket chest (very good), kerosene lamps, pine cupboard, wall coat rack, agate kitchen table, plank seat chair, cuckoo clock, and much more.

Terms: Cash

Lunch Served

Paul G. Derstein
Auctioneer
368-6646

PUBLIC AUCTION

From Chestertown, take Rte 20 towards Rock Hall (3 miles) to Rte 446, *left for 7 miles to Cedar Point Farm* (opposite Lovely Lane) signs from Chestertown, MD.

SATURDAY, JULY 23, 1983
at 11:00 A.M.

FARM EQUIPMENT: 7' Int'l 915 Diesel Combine w/810 grain head and 844 corn head 4R38"; '74 Int'l 1066 Diesel Tractor; Cab & Duals; '82 John Deere 7000 Corn Planter 4R38" w/monitor; '81 Int'l Disc Harrow Model 475-18' wide w/hyd. folding wings; '74 Ford 4000 Gas Tractor; Case Diesel 730 Tractor w/narrow front; '81 Brillion 18' folding wing spike tooth; '76 Int'l Model 550 P.T.O. manure spreader; '78 J.D. Model 400 Rotary Hoe 15' mounted; Int'l 8' side delivery rake; N.H. Model 68 Baler & Kicker; Ford farm utility loader; Ford 6' scraper blade, Bush Hog 6' rear mounted rotary mower; P.T.O. spreader; Bush Hog 8' scraper blade; N.H. 42' Hay & Grain Elevator; Int'l Model 55 Chisel Plow & Buster Bar; Dunham 3 section cultipacker; Int'l Model 510 moldboard 6 x 16 Plows; Int'l P.T.O. stalk shredder; J.D. rear cultivators 4R38"....Int'l Cub Cadet Riding Mower; Roto-tiller, Air Compressor, Hand Power & Misc. Tools, grinder, chest freezer, refrigerator, etc., etc....5 Surge Milkers, Milk Cans....

TRUCKS, PICKUPS, & AUTO: '53 Int'l R180 Grain Truck; '52 Int'l L-160 Grain Truck; '72 GMC Pickup; '72 Int'l Pickup; '79 Ford Pickup; '76 Ford LTD Sedan;...

Estate of
ALLEN E. GSELL
& MRS. EDWARD GSELL
Chestertown, MD
HARRY RUDNICK & SONS, INC.
Sales Managers & Auctioneers
Galena, MD 301-648-5601

REAL ESTATE AUCTION

15.1 A. M/L FARM w/STREAM
TRACTOR-FARM MACH.-BUTCHER EQUIP.-PLAYER PIANO-HOUSEHOLDS-ANTIQUES-GUNS
SATURDAY, JULY 23, 1983
AT 9 A.M.

Located on Rt. 183, 1 mi. S. of Rt. 183 and Rt. 443 Intersection, R.D.3 Sch. Haven, Wayne Twp., Schuylkill Co., PA.

REAL ESTATE - At 12 Noon, 15 A., 9 room, 2 story frame home, barn, 2 car garage, outbuildings, stream, nice secluded setting.

INSPECTION - Sunday June 26, 2-5 P.M. or by appointment. 10% down, bal. upon settlement.

FARM MACHINERY -A.C.-C tractor, w/mounted snow plow, (good rubber), cultivators, plow, 3 sec. spring harrow, Mc-D. 6' Semi-mount grass mower, 7' disc, Oliver 2R, corn planter, 10' Lime drill, 2b. trailer plow, 2 wheel trailers, Inter. silage chopper (old), PTO, wood saw, Unico 2w. garden tractor, hand cultivator, potatoe plow, 2h. corn sheller, 225 Amp., Lincoln welder, 5/8 baskets, 1926 Anvil w/Eagle, forks, shovels, misc., hand tools, grinders, 32' Alum. ladder, Inter. weed chopper fencer, H.D. 125cc. motorcycle.

HOUSEHOLDS AND ANTIQUES - Blur Bros./player piano, B&C piano stool, oak wash stand, oak wardrobe (painted), oak dresser w/mirror, hanging coal oil lamp w/glass prism, coal oil lamps, 8 day clock, sm. oak table, old love seat, bamboo mag. rack, topper 1' b. gum machine, Dep. style china closet, buffet, table, server, wooden barrels, wooden wagon wheels, old wire spoke wheels, prizer oak parlor stove, old augers, weathered barn boards, horse hames and collars, trunks, assort. crocks, free standing fireplace, sofas, 8 qt. sausage stuffer, No. 32 Enterprize meatgrinders, meat cleavers, butcher fork, butcher kettle w/deco. ox head Jacket, hanging scale, ice tongs, Rem. Wingmaster 870, 12 ga. mod., W.D. Parkhurst, d.B.,

TERMS: Cash or Approved Check
Lunch Available
Not Responsible for Accidents

Sale Ordered By
FRANCES M. LUCKENBILL, APP.
Jay Riegel Jr, Auctioneer
717-739-4718
Raymond Stump Auct.
717-647-2740

PUBLIC AUCTION AT GOODS AUCTION

111 N. Maple Ave.
Leola, Pa. 17540
Hay - Straw - Corn
Every Wed. at 12:00 Noon
Farm Machinery First and Third Wed. of Each Month. Starting at 9:00 AM on Tools and Hardware. 12:00 Lawn and Garden Equipment . 1:00 on Farm Machinery

NOTICE

Nothing unloaded day of sale except machinery and large equipt. All small items must be brought in and sold off the trucks.

No Out of State Checks
Selling with 5 Auctioneers

Good's Auction

PUBLIC SALE

OF ANTIQUES & HOUSEHOLD GOODS
EPHRATA
TUESDAY, JULY 19, 1983
At 5:30 P.M.
GRANDFATHERS CLOCK 7 P.M.
Located at 90 Spruce St., Ephrata, Pa.
JOHN LEINBACH GRANDFATHERS CLOCK
Dated 1788 (Excellent Condition)

Walnut 4 Leg Drop Leaf Table; Small Dovetailed Chest; Grained Blanket Chest; Decorated Nursing Rocker; Plank Bottom Chair; Walnut Stool; 3 pc. Limed Oak Bedroom Suite with Box Spring and Mattress; Bedroom Chair; Sewing Cabinet; Dresser; Chest of Drawers; Sofa; Platform Rockers; Coffee and End Tables; Duncan Phyfe Living Room Table; Frigidaire Refrigerator; Maytag Wringer Washer; Westinghouse Oven.

Decorated Chocolate Pot; Copper Lustre Creamer; Nippon Sugar; R.S. Germany Creamer; Limoge China; Noritake China; Majolica Cup, Saucer, Plate; Moustache Cup; Large Turkey Platter; Antique Plates; Antique Milk Glass; Stem Ware; Cake Stand; Chicken on Nest; Plates; Serving Bowl; Ruby Hob Nail Vase; Pressed and Pattern Glass; Celery Stand; Serving Bowl; Salts.

2 - 45 pc. Set Johnson Bros. "Friendly Village" Dinner Ware Set; China A.B.C. Plate "Tired of Play"; Fruit and Flower Dishes; Depression Glass; Cake Stand; Cream & Sugar;; Plates, Etc.

Big Ben Alarm Clock; Baskets; Brass Bell; Old Book and Almanacs.

4 ANTIQUE QUILTS

Wool Coverlet; Comforts; Blankets; Towels and Wash Cloths; Fancy Work.

Terms By
JACOB H. GETZ
T. Glenn Horst, Auct. — 859-1331
Timothy G. Horst, Auct. — 738-1245

PUBLIC AUCTION

New Holland Sales Stables, Inc.
New Holland, Pa.

Tractor & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, AUGUST 12, 1983
9:00 A.M.

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 11:00 A.M.**

— Bring A Load, Buy A Load —

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

A list of your sale items must be in our office by July 26 to be included in our complete listing in the July 30th issue.

Next Equipment Sale- Friday, November 11th.

Abe Diffenbach, Manager
For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

Public Auction Register

Closing Date - Monday, 5:00 P.M
of each week's publication

PUBLIC SALE

OF FARM EQUIPMENT
SATURDAY, JULY 30, 1983
at 10 o'clock

Location: From the Mt. Joy-Manheim Rd. take Milton Grove Rd. to Hossler Rd. 2 miles North of Mt. Joy near Beckers Gas Station. Watch for signs.

1982 JD 2440 TRACTOR (w) 290 hrs. with #240 loader with 84" scoop bucket
1936 JD TRACTOR — B-R serial #330961
JD TRACTOR - H with elec. start & cultivator
JD #8200, 18 double disc plain drill (seeded 30 acres)
JD #450 hydraulic spreader
NH #355 grinder mixer with scales
JD. #70 Skid Loader
JD #965 running gear with bed
Trojan 8 h.p. rototiller
Speedy 1200 bu. corn crib, (1 yr. old)
McCormick Deering 11" hammer mill, JD #205, 5' flail chopper, Oliver 2-16" rollover plow, Chattanooga 10' roller harrow, J.D. #A18, high pressure washer, Korkay high pressure washer, Century AC-DC heavy duty welder, McCullan chain saw, Stihl SG17 sprayer, air compressor (w) 2 h.p. motor & balance flow pump, 4"-16' auger, bag wagon, hyd. cylinder, bolts, fans, elec. motors, elec. wire, 50 endless belt, cattle head gate, gates, hog loading chute portable, Pride of Farm hog waterers, Trojan hog waterers, Gulds balance flow water pump, concrete water trough, window sashes, lumber doors, plywood, plumbing supplies, 1" plastic pipe, 500-8" concrete block, chicken crates, brooders, 55 gal. drums, fence posts, hand tools, double bed, dresser, cedar wardrobe, lamps & other articles too numerous to mention.

Not responsible for accidents. Lunch available.

Sale by
LLOYD E. & NANCY FORRY
Auct. - Raymond Miller — 653-8762
Rufus Geib

Aucts. Note: Reason for selling, sold their farm, most equipment less than 2 yrs. old. Like new. Financing available by seller, but arrangements must be arranged prior to day of sale.

SAT JULY 30 2 PM Public Auction of Real Estate. Located approx 10 mi. north of Shippensburg, PA or approx 3 mi north of the village of Newburg, PA, in 3 Square Hollow Esther E Mitchell and Estate of Eleanor R Mitchell, Owner Hershey, McLaughlin and Martin, Auctioneers

SAT JULY 30 - 10 AM Public Auction of Real Estate, Cherry Corner Cupboard, Gold and Silver Coins, Antiques, JD 112 Garden Tractor and Cherry and Walnut Lumber Located at the farm, RD 2, Orangeville, PA, turn off Main St in Orangeville on Orangeville-Millertown Rd Charles and Esther Conner, Owners Nevius Auction Service

SAT JULY 30 7 30 PM Public Auction of Cattle Located at the State Fairgrounds, Harrington, DE Delaware Holstein Association, Sponsors Remsburg Sale Service

SAT. JULY 30 - 9 AM Public Auction of Real Estate, Farm Machinery, Antiques and Autos. Located south on Rt 24, just through the village of Rinely, turn onto Hess Rd, approx. ½ mi to sale. Estate of Maynard L. Hess Nelson Ahrens and Ralph Brenneman, Auctioneers

SAT. JULY 30 - 8.30 AM Public Auction of Personal Property Located at Williamson, Franklin Co, PA Mrs. J Guy Meyers, Owner J Robert Meyers and Lorne Lichty, Auctioneers

FARMERSVILLE AUCTION

TUESDAY, JULY 19, 1983
5:30 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

GENERAL HOUSEHOLD GOODS SALE

'66 Cadillac - Seville, 4 door, A-1 condition, inspected.

WE SELL ON COMMISSION.

CALL **JOHN J. RUTT**
354-5095

BERKS COUNTY HOLSTEIN SALE

THURSDAY NIGHT, JULY 28
7:30 P.M.

Sale facilities behind Fairgrounds Mall just off Route 222 east of Reading, Pa. (Old Reading Fairgrounds)

50 HEAD OF REGISTERED HOLSTEINS
9 Fine Young Cows - 40 Bred and Fresh Heifers
1 August '82 Heifer

Sired by and bred to some of the breed's foremost sires.

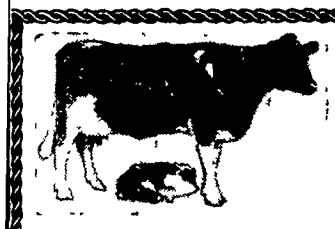
From Dams that produce:
32 Dams from 600 to 900F
5 Dams from 900 to 1200F
25 Dams from 16,000 to 20,000M
18 Dams from 20,000 to 27,000M

A proven place to buy quality Holsteins at reasonable prices!

Sponsored by the
Berks County Holstein Association

Sale Managed by:
REMSBURG SALE SERVICE
P. O. Box 177
Jefferson, MD 21755
Ph. 301-473-8214

Sale Chairman:
Dr. George Merrill
Route 1, Box 456
Bernville, PA 19506



DAIRY COW AUCTION

at the Shady Lane Dairy Sales, Inc., ¼ mile west of Quarryville off Oak Bottom Rd.

110 HEAD REGISTERED AND HI GRADE HOLSTEINS
THURSDAY NIGHT JULY 21
8:00 DST

This sale consists of 1 small upstate herd. All stages of lactation. Average 50 lb. per cow.
8 Registered cows fresh or close from Maryland, a good group.
15 good 1st calf heifers due July, Aug., Sept. from 1 herd.
10 Fresh cows, grades from 1 herd.
35 close springing cows and 1st calf heifers.

Special Mention - 15 to 20 head Registered and Hi Grade 1st calf heifers, large in size, weight up to 1300 lbs., from top herd of Omar Smoker, Parkesburg, PA. With herd ave. over 16,000 milk 600 fat with individual cow milking 120 per day.

Farmers and Dealers - This is a well planned sale worthy of your time to attend.

30 Day TB Blood Tested. **Pregnancy Examined.**

SHADY LANE DAIRY SALES, INC.
Quarryville, PA

Glen Fite
717-786-2750

David Fite
717-786-1725

Next Sale Aug. 19
Complete Herd Registered and Hi Grades, Over 100 Head
Elmer Weber Dispersal

INVENTORY REDUCTION

PUBLIC AUCTION

SATURDAY, JULY 23, 1983
at 9:00 A.M.

NEW & USED METAL & WOOD WORKING MACHINERY, TOOLS, HARDWARE, ETC.

Located at Blue Ball Machine Works, Rt. 322, Blue Ball, Lancaster County, Pennsylvania

METAL WORKING MACHINES

Bridgeport J vert. Mill, Pratt & Whitney, Cincinnati, Hano, Atlas Hor. Milling Machines; Gray Double Side Planer, 24" Vert. Bullard; Hyd. Press, Acme stud threader w/dies, Johnson model B saw, Emerson 7" saw, Taylor Winfield spot welder, Snyder Humpback drill, American 16" x 24" Q. C. Lathe, Prentis 10" lathe, 2 - South Bend 9" x 36" lathes, Pedistal bench grinders, LaPointe #1 pull broach, Ceco 3-8 screw machine, Monarch 16" x 30" Q.C. Lathe, 2 - Hercules gear hobbers, small Turret lathe, 10" x 24" gear lathe, South Bend 9" x 24" Q.C. lathe, Pratt & Whitney 7" x 16" Jewelers Lathe, 15" bench and floor drills, Rockwell wood-metal 14" vert. saw, OBI presses, Cincinnati 16" shaper, Toledo #411C mech. pipe threader & dies, 52" 20 ga. sheet brake.

WOOD WORKING MACHINES

L. Power 16" table saw, PTC wood lathe, Sprunger 10" vert. bandsaw w/stand, Powermatic chain mortiser, Craftsman 10" vert. bandsaw, 10" table saw, 6" planer, Moto Shop scroll saw, Delta 8" table saw, Walker-Turner shaper, Duer 20" vert. bandsaw, Edison wood lathe, Dewalt 16" radial arm saw, Makita hand plane w/stand, Smith single end tenoner.

NEW MACHINES

Sprunger 12" disc sander, General 20" vert. bandsaw, Rockwell 10" table saw, Makita miter saw, Woodmaster EN-1 tool, Poitras single-end tennonner, Makita 15 5/8" planer, Sprunger 10" wood lathe, Jet ½" spindle shaper, Betenbender ¼" x 10' hyd. shears*, Hyd-Mech 13" x 18" bandsaw*, Jet 36" vert. saw w/blade welder*, Emerson 12½" cold saw*.

TOOLS & HARDWARE

Banding machine, crane scales, anvil, blacksmith vise and table, forge and blower, Smith template torch, cable and chain slings, safes, tables, gravity conveyor, bench legs, shelving die blocks, air hose, paving breaker, chipping hammers, rock drill, ½, ¾, 1" impact wrenches, 4½, 5, 7, 9" sander/grinders, grinding wheels, port. air compressors, drills, taps, reamers, bolts, nuts, turnbuckles, lathe and milling machine tooling, bearings chain hoists, trolleys, gear boxes, gear motors, elec. motors, fans, valves, pipe fittings, casters, wheels, jacks, etc. And many other items.

NOTE: Machines subject to prior sale in our daily business transactions.
*Subject to confirmation.
PA Sales Tax will be required.

Terms by:
BLUE BALL MACHINE WORKS
Auctioneers:
Sylvan B. Witmer, (717) 933-5328
Arthur Nolt, (215) 445-4289

NOTE: No out of state checks will be accepted without previous arrangements with Blue Ball Machine Works, P.O. Box 176, Blue Ball, PA 17506-0176, (717)354-4478.
Not Responsible for Accidents.
Refreshments Will Be Served.

AUGUST

THURS AUG 4 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

FRI. AUG 5 - 5.30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. AUG 5 - 1 PM Public Auction of Cigar Factory. Located at 91 W. Main St., Windsor, PA House of Windsor, Inc, Owner. Dale R Peters, Auctioneer.

SAT. AUG. 6 - 9 AM Public Auction of Real Estate. Located at 11 W Kendig Rd, village of Willow Street, West Lampeter Twp., Lanc Co, PA, take Rt 272 south of Lancaster to Willow Valley, continue to Rt. 272 south to the second intersection, Kendig Rd., turn left to sale. Hattie Landis Estate. Howard Shaub and Roy C Probst, Auctioneers.

SAT. AUG. 6 - 10 AM Public Auction of Farm Machinery and Equipment, Tools, 1940's Lionel Train, Household and Scrap Located in Beach Haven, PA, 4 mi north of Berwick, PA, US Rt 11, turn at Suzuki Valley Store, 1½ mi to auction Melvin Cope, Owner Nevius Auction Service.

SAT AUG. 6 - 10 AM Public Auction of Real Auction of Real Estate, Household and Antiques Located in center of Liberty on old Rt. 15. Robert Smith Estate Ron Mase, Auctioneer

SAT. AUG. 6 - 10.30 AM Public Consignment Auction of Farm Tractors, Farm & Construction Equipment and Antiques and Older Tractors. Located at Goodrich Auction Service, Rt 38 and 38B, Newark Valley, NY

FRI. AUG. 12 - 5.30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG. 12 - 9 AM Public Auction of Farm Equipment and Supplies to be held at New Holland Sales Stables, Inc, 12 miles east of Lancaster off Rt 23 at New Holland, Pa Abe Diffenbach, Manager.

SAT. AUG 13 - 9 AM Public Auction of Antiques, Collectibles and Personal Property Located in the village of Pitman, Schuylkill Co., PA, watch for auction sign along Rt. 125 in Mahantongo Valley midway between Hegins and Shamokin. Warren C. and Jean I. Snyder, Owners George and Mike Deibert, Auctioneers.

SAT AUG 13-9 AM Kutztown Comm Fire Co. 5th Annual Consignment Sale located on Rt. 645 approx. 1½ mi north of Myerstown, PA

SAT. AUG. 13 - 10 AM Public Auction of Office Trailers, Welders, Motors, Forklifts, Pumps, Etc Located at DuPont's Chambers Works Plant, approx 8 mi. east of Wilmington, DE in Deepwater, NJ

SAT. AUG 13 - 12 Noon Public Auction of Antiques, Collectibles, Old Indian Items, and Etc Located in the Square, New Cumberland, PA Benefit for American Indian Foundation

THURS AUG 18 Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

FRI AUG 19 - 6 PM Public Auction of Bred Gilts and Boars Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds, 1½ mi south of Lebanon, PA Leon and Lawrence Arnold Harry Bachman, Auctioneer

FRI AUG 19 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG 19 - 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc, Rt 522, 3 mi east of Middleburg, 5 mi west of Selinsgrove, PA

SAT AUG. 20 - Public Auction of Furniture, Quilts, Groceries, Sporting Goods and Dry Goods Located at 211 E Main St, Leola, PA Eighth Annual Bareville Fire Co sale

Public Auction Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

SAT. AUG. 20 - 9 AM Public Auction of Farm, Lawn and Garden Equipment and Household Goods. Located at the Leesport Auction Grounds, Rt. 61, north of Reading. Berks Co. Pomona Grange 15th Annual Community Sale. 7 Auctioneers

WED AUG. 24 - 6 PM Public Auction of Boars. Located at PA Dept. of Agric. Meat Animal Evaluation Center, 651 Fox Hollow Rd., State College, PA 16801.

FRI. AUG. 26 - 7 PM Public Auction of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer.

FRI AUG. 26 - 5 30 PM Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. AUG. 26 - 7 PM Public Auction of Cattle Located at the Lebanon Area Fairgrounds, Lebanon, PA. Lebanon County Holstein Club, Sponsors. Harry Bachman, Auctioneer.

FRI EVE. AUG 26 - 7 PM New Holland Sales Stables, Inc., Annual Holstein Promotional Sale, to be held at the Sales Stables, located 12 miles east of Lancaster off Rt 23 at New Holland, Pa For more information contact Abe Diffenbach, Manager

SAT AUG 27 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SUN AUG 28 - 1 PM Public Auction of Cattle Located at the farm near Woodsboro, MD Dr and Mrs Lee E Miller, Owners Mike Jones, Auctioneer

TUES. AUG 30 7 PM Public Auction of Swine Located at the farm, Larry Leffel, New Knoxville, Ohio 419-753-2281

WED. AUGUST 31 - 1 PM PA Classic Ayrshire Sale, Guernsey Sale Barn, Lancaster, PA, Milt Brubaker, Sale Manager

SEPTEMBER

THURS. SEPT 1 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

FRI. SEPT 2 - 9 AM Public Auction of Machinery. Located at the Belleville Livestock Market Belleville, PA

FRI SEPT. 2 - Shade Acres Production Sale of 50 Head of Registered Holstein Located in Alexandria, Huntingdon Co, PA Klings Auction Service.

SAT SEPT. 3 - 12.30 PM Public Auction of Sheep Located at PA Dept. of Agric. Meat Animal Evaluation Center, 651 Fox Hollow Rd , State College, PA

SAT. SEPT. 3 9 AM Public Auction of Real Estate. Located 7 mi. west of York on Rt 74, at Dover square and traffic light turn west 1 mi to Salem Strayer Church and turn north onto N. Salem Church Rd., 1½ mi in Dover Twp., York Co., PA George F. Rodgers, Owner Clair R. Slaybaugh, Auctioneer

SAT SEPT 3 - 10 AM Public Auction of Real Estate, Machinery, Household Goods and Guns Located in Conowingo, MD, 5 mi north of MD line from Rt. 1 along Rt. 222 or 8 mi. south of Wakefield, PA along Rt. 222, Cecil Co., east on Ragan Rd. Estate of Roman A. Krause, Sr. Kreider and Kline, Auctioneers

FRI. SEPT. 9 - 9 AM Public Fall Community Auction. Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

FRI SEPT. 9 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

SPECIAL HOLSTEIN HEIFER SALE

LEWIS BROWN'S 17th ANNUAL HOLSTEIN BRED HEIFER SALE

TUES. NIGHT, JULY 19, 1983

8:00 P.M.

To be held at Smoketown Quality Dairy Sales, just off Rt. 30 east of Lancaster along Rt. 340 Lancaster Co. Pa.

27 REGISTERED IDENTIFIED GRADES & GRADE

Certified vaccinated 23 due to calve August remainder soon in later summer.

Service age reg. bull sells: S.W.D Valiant from a 2-E-92 dtr. Sunnyside Standout 6y 365d. 24,759 3.7 925 with L.T. rec. 142,948 milk. Next dam 3-E.-91 over 100,000 - 4.0% Many bred to him.

INCLUDED IN THE SALE

ARLINDA JET STREAM — dam by Vernon 2 recs. over 21,000 and to 911 fat 3.7%-4.3% next dam 19,664 4.5% 880, 3rd dam 20,850 3.5% 756.

SEILING ROCKMAN — dam by Elevation 5 y. 341d. 19,517 4.3% 836.

BIG MAY ASTRO JUPITER — dam by Lucky 4 yr. 365d. 20,654 4.1% 846.

BENDMEAD OF LIN-CON — dam by Proud Performer 3 yr. 345d. 19,094 3.4% 657, 4yr. 357d. 20,849 3.5% 728.

LONG HAVEN STILWELL — dam by Pencor 4 yr. 324d. 16,073 4.1% 666.

LAWCREST MARVEX — dam by Proud Performer 3 yr. proj. 15,559 549, next dam 21,293 3.8% 811.

Grade by **STARDOM BOOTMAKER MANNIX** —dam 3 yr. 365d. 20,161 3.7% 745, next dam 2 rec. over 20,000 - 800.

A well cared for, dairy quality, uniform group, that you are sure to appreaciate.

ALSO SELLING

Twenty-two grade Heifer's from one herd in Vermont with a herd average of 17,133 lbs. of milk 3.9t.

Reg. Heifer - Sire - Executive - Bred to Augusta - DAM 17,000m.

Heifer's out of Eastern Bulls and bred to Eastern Bulls. Due July-Aug. Sept. Oct. DAMS Records from 16,000, 18,000 up to 26,000m.

Reg. 3 yr. old - Sterk Exclusive. +740m. +4F. Just fresh 17,000 lbs. of milk as a 2 yr. old.

Reg. Shar-Dale Arlinda Chief Jemmini - Fresh 2 yr. old DAM - Elevation - 3 yr. 1 m. 307d. 17,233m. 3.9t. 676F.

Reg. Lawcrest Marvex - 2 yr. old Springing. DAM - Jet Stream G. P. 84 pts. 305d. Est. this Lactation 27,128m. 924F.

Reg. Camroden Pollynaut Paul-Twin - V.G. +471m. +85F. Daughs. Avg. 15,730m. with a heifer calf by CA-Lill Standout Cavalier V.G. Daughs. Avg. 18,916m. +2030m. +40F.

Reg. Holstein Bull - Sire Carlin - M Ivanhoe Bell.
DAM- 2 yr. 4m. 365d. 19,530m. 4.3t. 844F.
Her Sire- Round Oak Rag Apple Elevation
Gr. DAM- V.G.85, 5 yr. 3m. 365d. 23,600m. 3.8t. 901F.

Reg. Holstein Bull - Sire Keef Elevation Barber PDM +1018 PDT +1.56.
DAM- V.G. 86 pts.
2 yr. 4 m. 305d. 17,625m. 3.6t. 635F.
3 yr. 4 m. 305d. 20,003m. 3.6t. 718F.
4 yr. 4 m. projected 21,600m.
Gr. DAM G.P. 83 pts.
2 yr. 5 m. 292d. 14,450m. 4.0t. 572F.
3 yr. 5 m. 305d. 19,290m. 3.5t. 680F.

TB - 30 days.

Cash or good check night of sale

Carl Diller/Paul Snyder Auct.
Henry Kettering - Pedigrees

Sale Managed by
SMOKETOWN QUALITY DAIRY SALE CO.
Gordon & Helen Fritz
717-393-0930

Lunch Wagon by Sublette

NEEDHAM ACRES REGISTERED HOLSTEIN DISPERSAL

TUESDAY, JULY 19, 1983

At 8:00 P.M.

Newark Valley, NY 2 miles northwest of Newark Valley and Rt. 38, on Howard Hill Road.

120 HEAD OF REGISTERED HOLSTEINS SELL

60 Cows in milk, 22 Bred Heifers, the balance Open Heifers and Calves, DHIA rolling herd average on 60 head: 17,754 3.6 634. Classifications: 1 "EX", 9 "VG", 22 "GP", 14 "G" and 1 "F". 22 big fancy bred heifers; 18 bred for July and August freshening. Sires represented: Triple Threat, Fond Reliance, Deland Elvate Atom, Mariner, Mark-A, Dunwood Bootmaker Lee, Glen Valley Star, Dodge View Gem, Loc-Lin Elevation Marlin, Tiger Lily Select Jewel, Apache, Toppation Matt Milkmaker.

Individual cows sell with records over 28,000m and 937f. This is a good sound herd of cattle with solid production pedigrees and well developed calves and heifers by the top sires of the breed.

TERMS: Cash or good check day of sale.

Owner
WILLIAM D. NEEDHAM & FAMILY
Ph. 607-642-3272
Co-Manager - NYS Holstein Association
William Kent, Inc.
Sale Manager & Auctioneer
Bergen, NY Ph. 716-494-1890

COMPLETE DAIRY DISPERSAL

MONDAY, JULY 18, 1983

10:30 A.M.

Location: Cumberland Co., Pa.; Traveling I 81 south from Harrisburg take exit 16, turn right onto 641, go to Carlton Ave., turn left, follow to Petersburg Rd., 3 miles to sale. Traveling I 81 north from Chambersburg, take exit 15, turn left onto 74, go to Peterman Farm Equipment, turn left onto Petersburg Rd., 3 miles to sale. Sale signs posted day of sale.

110-HEAD OF CATTLE-110
48-HIGH GRADE HOLSTEINS-48

Milking are: 10 first calf heifers fresh in middle of June, 20 cows fresh end of March to end of May, 1 due at sale time, others in various stages of lactation.

5-BROWN SWISS MILKING-5
30-HEIFERS-30

1 due for Sept., 1 due for Oct., 28 from 2½ months to breeding age.

2-HEREFORD SERVICE AGE BULLS-2
25-HOLSTEIN STEERS-25

Averaging from 250 to 850 lbs. Cattle are tested and preg. exam.

ALSO SELLING:

I.H. rake, J.D. K.B.A. 8' disc, Grove 16' hay wagon, gates, 12 cow mats, small items from barn.

Order of Sale: small items, equip., cattle

Not responsible for accidents

Owners:
JAMES & JANE COHICK
R.D.6, Carlisle, Pa.
717-243-8560

Auctioneers:
Melvin Sensenig
776-5054
Lamar Sensenig
532-9160
Clerks:
Weaver & Witmer

Lunch Served

PUBLIC SALE

OF VALUABLE REAL ESTATE, FARM MACHINERY, ANTIQUES & AUTOS

ESTATE OF MAYNARD L. HESS

SATURDAY, JULY 30, 1983

At 9:00 A.M.

Location: South on Route 24, just through the village of Rinely, turn onto Hess Rd. Approx. ½ mile to sale. Follow signs.

1 PM REAL ESTATE 1 PM

Approx. 58 acre farm with 30 acres tillable, 8 acres of wood land, 4 acres of pasture and the balance can be cleared for farm use. Very nice 2½ story frame house w/aluminum siding, 4 bedrooms, full bath, kitchen, living room, pantry, attic & basement. House is heated with wood or oil and has electric hot water heater. Out buildings consist of large barn, corn barn, machinery shed, hog pen, chicken house, wood shed, garage w/cellar, grainery w/cellar, also there are 2 never failing springs. This farm has approx. 400 ft. of road frontage and is located in Hopewell Twp. If in the market for a nice, quietly located farm, now is your chance to have one. Real estate will be offered at 1:00 day of sale. Inspection will be Sat. July 23, from 2:00 to 5:00 or for special appointment contact the auctioneer. Terms are 10% down day of sale with balance in 45 days. Cash, cashiers or certified check.

FARM MACHINERY

IH 300 w/ Power steering, 700 original hours, exc. rubber & 2 pt. hitch; IH Super C w/2 pt. hitch, good rubber & cultivators; Massey Harris self-propelled combine; 2 pt. 28 blade disc; 2 pt. 3-bottom 16" plow; tractor mounted wood saw for front; JD 13 disc grain drill; Ontario 10 hoe grain drill; New Idea hay rake; New Idea #7 1-row corn picker-like-new; Farquhar 2-row potato planter; Boggs potato grader; small disc; 2 pt. weeder; 2 pt. platform; 12' harrow; D B manure spreader; New Holland 77 baler w/engine; Massey Harris 7 sickle bar mower; Brady stalk beater; 10' Cobey wagon w/top; 14' IH wagon; 12' trailer; oil storage tanks w/pumps; 15' wooden conveyer; hog feeders; ladders; Wards 2-way hillside plow; platform scales; silage blower pipe; 7 HP riding mower; reel mowers; bag truck; dirt scoop; small trailer; buggy jacks; wooden doors; butcher furnace & kettle; various sizes of belting; lots of old tools; signed drawing knives; JD chain saw; McCulloch chain saw; tobacco spears & cutters; blacksmith tongs; axes; hand saws; cross-cut saws; hay knives; scythes; nail kegs; grain fan; horse tongs; clover seed sewers; grindstones; digging irons; picks; shovels; log chains; forks; sledge hammers; hand augers; gas cans; old license plates; approx. 2 wagon loads of small items and lots more.

AUTOS: 1972 Chevy 4 x 4 69,000 miles * 1969 Chevelle 283 engine 67,900 miles

ANTIQUES & HOUSEHOLD GOODS

1934 Sears Roebuck catalog; oak dresser; oak mirror; oak stand; odd oak chairs; high pine chest of drawers; poplar beds; walnut stand; Kalamazoo cook stove; Victor RCA electric record player; picture frames; crocks; dolls; shoe laths; pie board; butter mold; cast iron griddle; kerosene light; lanterns; doilies; old books; hot water bottle dated 1923 and lots more.

Norge frost-free ref/freezer; Fridgidaire stove; 2 small kitchen tables; GE ref/freezer; 3 piece Lime oak bedroom suite; 3 day beds; Sylvania color TV; 2 B+W TV sets; dresser; chest of drawers; wooden desk; Electrolux sweepers; new porch chair; metal bank; heater; lights; cooking utensils; pots & pans and lots more.

TERMS: Cash or good and approved check.

Administrator:
NORMAN C. HESS
33 Collage Ave.
Stewartstown, Pa.
993-2293

Auctioneers:
Nelson Ahrens 428-1234
Ralph Brenneman 741-1728
Attorney:
Donald Yost

Refreshments served by
Mt. Pleasant Cemetary Asso.
Not Responsible for Accidents Day of Sale
(Clip and Save)

PIGS

Here are just a few reasons why you should attend the "State Graded" Feeder Pig Sales at Westminster!

- ★ Lots of pigs
- ★ Easy to get to
- ★ Super sanitary
- ★ Outstanding quality
- ★ Quick service
- ★ No tagging charge
- ★ No shipped pigs

FRIDAY JULY 22nd
1:30 P.M.
WESTMINSTER
LIVESTOCK AUCTION

For directions or info. call collect (301) 733-8120 or write Box 108 Hagerstown, Md.

Public Auction Register

Closing Date - Monday, 5:00 P.M. of each week's publication

THURS. SEPT. 15 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD

FRI. SEPT. 16 - 7 PM Church of the Brethren Disaster Relief Heifer Auction. Located at the Lebanon Co Fairgrounds. Clair Kreider, Mgr

FRI. AND SAT SEPT. 16 and 17 - 7th Annual Disaster Relief Auction and Heifer Sale. Located at the Lebanon Area Fairgrounds. Church of the Brethren Atlantic Northeast Distrtict Mark and Marty Hershey, Sale Chairman 717-626-5067

FRI. SEPT 16 - 5 30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI SEPT. 16 - 7.30 PM Public Auction of Registered Holstein Heifers Located 2 mi. south of Atglen on Old Route 41, Chester Co., PA Benefit West Fallowfield Christian School. Kurtz, Petersheim and Stoltzfus, Auctioneers

FRI. SEPT 16 - 6:30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc., Rt 522, 3 mi east of Middleburg, 5 mi west of Selinsgrove, PA

SAT SEPT 17 - 10 AM Public Country Auction Located 2 mi south of Atglen on Old Rt 41. Benefit West Fallowfield Christian School Kurtz, Petersheim and Stoltzfus, Auctioneers.

FRI. SEPT 23 - 1 30 PM Public Auction of Cattle. Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI. SEPT 23 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT. SEPT. 24 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

WED. SEPT 28 Cliff Springs Complete Dairy Dispersal of Registered Holsteins Located at Kling's Sale Barn, Landisburg, Perry Co., PA Kling's Auction Service, Sale Managers William Kent, Bergen, NY, Pedigrees

FRI SEPT 30 5.30 PM Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

OCTOBER

THURS. OCT. 6 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS. OCT. 6 - 3 PM New Holland Sale Stables 4-H Steer Sale to be held at Sales Stables, Inc., 12 miles east of Lancaster off Rt. 23 at New Holland, Pa. Abe Diffenbach, Manager

SAT. OCT. 8 - 10 AM New Holland Sales Stables Annual Fall Heifer Special to be held at Sales Stables, located 12 miles east of Lancaster off Rt 23 at New Holland, Pa. Abe Diffenbach, Manager

THURS OCT 20 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI. OCT 21 - 7 PM Public Auction of State Grade Feeder Calf Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI OCT 21 - 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle. Held at Keister's Middleburg Auction Sales Inc , Rt. 522, 3 mi east of Middleburg, 5 mi. west of Selinsgrove, PA

WED OCT 26 - 10 AM New Holland Sales Stables Annual Dairy Show and Sale to be held at Sales Stables, located 12 miles east of Lancaster off Rt 23 at New Holland, Pa Abe Diffenbach, Manager

FRI OCT 28 - 1 30 PM Public Auction of Fall Dairy and Heifer Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

SAT OCT. 29 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

NOVEMBER

FRI. NOV. 4 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

FRI. NOV. 4 - 6 PM Public Auction of Bred Gilts and Boars. Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds., 1½ mile south of Lebanon, PA Leon and Lawrence Arnold. Harry Bachman Auctioneer.

FRI. NOV. 11 - 9 AM Public Auction of Farm Equipment and Supplies to be held at New Holland Sales Stables, Inc., 12 miles east of Lancaster off Rt. 23 at New Holland, Pa Abe Diffenbach, Manager.

MON NOV. 12 3 P M Hubert Charolais Ranch Production Sale. Located at the ranch, Monument, KS Managed by Garey Cattle Sales, Inc , 100 Walnut Lane, Morrisville, PA 19067

SAT NOV 12 1 PM Southeast District 4-H Steer and Lamb Sale to be held at New Holland Sales Stables, Inc , located 12 miles east of Lancaster off Rt. 23 at New Holland, Pa. Abe Diffenbach, Manager

THURS NOV 17 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD

FRI NOV 18 - 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc., Rt 522, 3 mi east of Middleburg, 5 mi west of Selinsgrove, PA

FRI NOV 25 - 1 30 PM Public Auction of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

SAT NOV 26 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers.

DECEMBER

FRI DEC. 2 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

APRIL

SAT APR 21, 1984 - 18th Colonial Charolais Spring Sale. Located at Frederick Fairgrounds, Frederick, MD Colonial Charolais Association Sponsors Garey Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA, Managers

---

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

DAIRY CATTLE SALE

FRIDAY, JULY 22, 1983
7:00 P.M.

PENNS VALLEY LIVESTOCK AUCTION
CENTRE HALL, Pa.
(At the intersection of Rt. 45 and 144)
REGISTERED & GRADE HOLSTEINS

- •BULLS
- •SPRINGERS
- •FRESH COWS
- •BRED HEIFERS
- •DRY COWS
- •OPEN HEIFERS

10 Springers From Local Farm

21 Springers from Northern PA
— Many Other Consignments From Local Farms —
Health Charts Furnished — Ron Gilligan, Auctioneer

★ ★ **NOTICE** ★ ★
Dairy Sale Held Every Fourth Friday Of The Month
Next Sale Aug. 26 7:00 P.M.

For Information Call (814) 364-9096 (814) 364-1796
Restaurant Open

PUBLIC AUCTION

HOUSEHOLD GOODS, ANTIQUES, GUN COLLECTION, ETC.

½ mile N. of Jersey Shore, Pa. Auction arrows off Rt. 220.

THURS. EVE. JULY 21
Starting 5:30 P.M.

Gibson 13 cu. ft. refrig.-freezer, Sear port dishwasher; Sears 16 lb auto washer, humidifier, 40' ext. ladder, Johnson 35 hp outboard boat motor w/elec. start, many other small items.

GUN COLLECTION AT 7 P.M. includes Win. pre 64 mod. 94 32ws & 30 wcf, Win mod. 88 308, win 54-30-06 govt, w. s/n 7451, Sav. 1899 300 sav. take-down, rem. 722 222, win 1912 20 ga. pump w/nickel barrel, s/n 7525, Rem 16 ga. rolling block, Belgium 32 rim fire, win 68 22, Win 77 semi 22, Rem. mod 6 falling block 22 wrf, Rem. 6 falling block 32, Marlin 37 22 pump, Win 1912 12 ga. w/nickle barrel; Win 67A 22, Jap. 99 7.7, Russ. 1891 7.62, rifle reloading press & dies, split bamboo rod, 2 boxes 32 rim fire shells, etc etc

Owner, ROY LOMISON

Conducted by
Fraley Auction Co. 546-6907
Tent if inclement.

MEL KOLB, INC.

SPECIAL JULY SALE

THURSDAY NIGHT, JULY 21, 1983
AT 7:30 P.M.

COWS & HEIFERS, PUREBREDS & GRADES COWS & HEIFERS, PUREBREDS & GRADES
150 HEAD ALL HAND-PICKED BY US 150

Location: At my Maryland Farm, located ½ mile northwest of Woodsboro, on Route 550, in Frederick County.

20 Purebred cows, several with full pedigrees and from the most popular sires;
20 Purebred first calf heifers that will suit the most particular buyer;
50 Grade 2nd & 3rd calf cows, really a fine group with some milking up to 100 lbs. per day;
60 first calf Grade heifers that show a lot of quality with fancy udders & plenty of size, milking up to 70 lbs. per day.

SPECIAL MENTION

* A 3 yr. old WILLOW-FARM ROCKMAN IVANHOE dau. at 2-11 314d 20291M 679F, fresh with ROUND OAK RAG APPLE ELEVATION heifer calf, dam VG with 22,769M 4.0 904F, next dam GP with 21730M & 742F, next dam lifetime: 110,000, eligible for GMD. This is a fancy WILLOW dau. with an EX udder.
* A YULES-PRIDE ELEVATION ACE dau., fresh, dam GP with 18530M 4.1 765F.
* A MARLU TITAN dau. just fresh, dam VG with 18622M & 606F.
* A CREEK-BLUFF ELEVATION LESTER dau., dam GP with 15,676M 4.6 720F.
* A SHARDALE ARLINDA CHIEF JEMINI dau. due soon, dam GP in 298d 16460M 566F Inc.
* Plus, many more fancy Purebreds not mentioned in this ad!

FARMERS, we really tried to select the very best cows for this Sale. If you need cows or heifers, please come and look for yourself. You'll like what you see. Set this date, July 21st, aside and come and see a barn full of fine cattle. Approximately 3/4 of these cows will be just fresh & the rest close springers. Some Purebred calves from these good cows will also be sold.

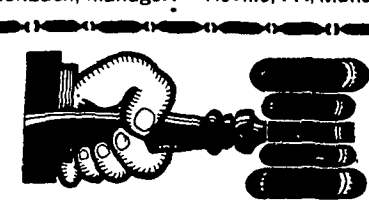
FREE LUNCH FOR ALL DAIRY FARMERS

DOOR PRIZE — Purebred Heifer Calf
Must Be A Buyer To Be Eligible & Present To Win

FREE TRANSPORTATION FOR LANC. COUNTY AMISH--Please call 569-2106 or 569-6800 for a ride to the Sale.

MELVIN KOLB--Sale Manager
ROBERT C. MULLENDORE--Auctioneer
HENRY KETTERING--Pedigrees
MEHRLE WACHTER--Clerk

-PRIVATE SALES DAILY-



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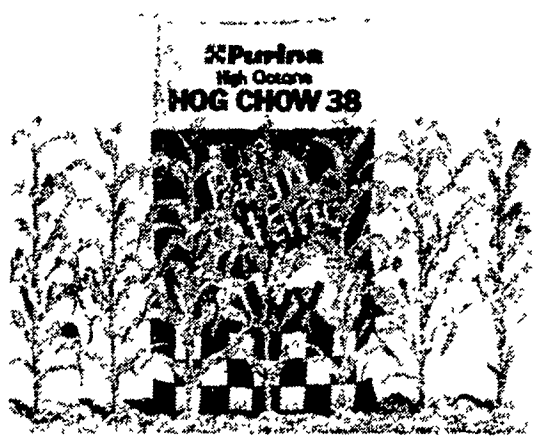
LLOYD H. KREIDER
AUCTIONEER
717-786-3394

A HIGH ENERGY HOG FEED FOR EVERY NEED.

Whether you've got a little grain, a lot of grain or none at all, we've got the High Octane® ration for you. Choose from High Octane® Hog Chow® 38, High Octane® Hog Chow® 27 or High Octane complete feed, depending on your grain supply. You can expect High Octane performance from all three.



When you've got a lot of grain to feed

...use High Octane Hog Chow 38. You'll be surprised how little supplement it takes to make a ton of high performance feed.

And with High Octane Hog Chow 38, you can formulate a ration for nearly every lifestage. Simply adjust the ratio of grain to supplement, and add a special Purina Pak, if necessary. Your Purina Dealer can show you how.

... or not so much

...use High Octane Hog Chow 27.

Since there are two different High Octane supplements to choose from, you decide how much of your own grain to use.

Like High Octane Hog Chow 38, you can use High Octane Hog Chow 27 to formulate a ration for almost every lifestage.

... or none at all

...use High Octane complete feeds. There's a ration specially suited to your animals — whether they're starting, finishing, or farrowing.

Best of all, with High Octane complete feeds, you don't have to worry about mixing and handling. For convenience and performance, there's nothing like High Octane complete feeds.

I would like to know more about High Octane® Hog Rations

☐ Concentrate or ☐ Complete

Mail To: **PURINA**
P.O. Box 366S
c/o Lancaster Farming
Lititz, PA. 17543

Name _____

Address _____

City _____ State _____

Zip Code _____ Phone _____

HESS MILLS
PHONE 717-442-4183
717-768-3301
PARADISE, PA 17562

HIGH BROS.
PHONE 717-354-0301
GORDONVILLE, PA 17529

K & K FEED, INC.
PHONE 717 866-2324
23 N PARK ST RICHLAND PA 17087

UMBERGER'S MILL
PHONE 717 867-5161
FONTANA, PA 17042

KEYSTONE MILLS
John B. Kurtz
PHONE 717-354 4616 717 738-1088
RD3 EPHRATA, PA 17522

W. L. MUMMERT CO.
PHONE: 717-637-6923
6 PINE ST.
HANOVER, PA 17331

WEST WILLOW FARMERS ASSN., INC.
PHONE 717-464-3386
WEST WILLOW, PA 17583

SOUTHERN DIVISION
West Willow Farmers Assoc., Inc
PHONE: 717-529-2113
RTE 472 AT UNION, PA
RD 1, OXFORD, PA 19363

J. P. ANIMAL SUPPLY
PHONE: 301-658-5795
2497 TOME HWY.
RISING SUN, MD 21911

Anthony's Feed Mill
PHONE 215-488-6211
STRAUSSTOWN, PA 19559